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<210> 5964
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 5964

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 gaaccctgca gtcgggctgc gatcgatcgt gaggatcgct tttttccgag gaggtcatc 180
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attaactatc ctctcgccag tcttcacaat gggcgcaac cctctggctg gctgctagcc 540
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<210> 5965
<211> 576
<212> DNA
<213> *Aspergillus nidulans*

<400> 5965

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cccgtgttt aaatctgccg gcggtttaca gaccagtgtg gagcactctc ttcccagctg 240
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<210> 5966
<211> 662
<212> DNA
<213> *Aspergillus nidulans*

<400> 5966

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<210> 5967
 <211> 696
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 5967

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<210> 5968
 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

<400> 5968

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<210> 5969

<211> 455

<212> DNA

<213> Aspergillus nidulans

<400> 5969

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<210> 5970

<211> 503

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 5970

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tataaagctt cttagatagt aaattaatat attaggtcta actatcctag taatttagaa 180

taattctaatt ttttagatatt ctgataactc ggaaacttat cttagactaa tattcatagt 240
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 ctttagaata ttccaaaaaa atatcttata tagaaatata caagttatta acctagtaaa 360
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<210> 5971
 <211> 589
 <212> DNA
 <213> Aspergillus nidulans

<400> 5971

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 aaccaccgag gagaggcaaa aatacgataa gtagatacat aatttaattt cgagtgtgat 480
 caaaaaccta aaatcagaca attacagagc ggccagtgat tgagtgatag atttctcgcg 540
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<210> 5972
 <211> 531
 <212> DNA
 <213> Aspergillus nidulans

<400> 5972

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 acggccgctt ccaaggactt cagatgccgc gggggaaagc ttgacggcct taccggcgaa 180

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 ttttcgctat atataatata gaaatctaaa tactgtctta tcttgaaata tcaatctctg 360
 aggttgctat tggctagtca tagatttttt ttgggggtta gattgtttgt ttgcttacgt 420
 ggtaaatggc tcgcacttcg cagattcgca attgatatgt gtttagata tctaggtgcg 480
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<210> 5973
 <211> 587
 <212> DNA
 <213> Aspergillus nidulans
 <400> 5973

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 aacagacgcg aggggtcttgt tagagttctc cttaggaatg gtgctgaagg gtatgggaag 180
 gatcgggatg gtaggacagc actatgggag gggggtcaa acggccatgg gaatatcatc 240
 aagctgctgc ttgagaacag gctgaagttg agtcaaagag taatgatggc cgggcactac 300
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 ctgaagttaa ttcagaggat aatagtgggt gcacaccact atcatgggca gcatcaaata 420
 gatatgagga agcaagcaag ctactccttc agaatgggtgc agaagttgat tcaatagata 480
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<210> 5974
 <211> 1098
 <212> DNA
 <213> Aspergillus nidulans
 <400> 5974

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 ttggtgatcc aggagcagga aacggagatg aatcggagac agagccaaaa ccacctccac 180

ccgagacgac cactttctcc ccaccaccat ccgcaacggg tct

463

<210> 5976
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 5976

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caatgatgta tgtacagttc gacaagcccg tcggcttaca acttggtatt gactcttgct 420
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<210> 5977
<211> 535
<212> DNA
<213> Aspergillus nidulans

<400> 5977

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cgcgtcaccg taggagcatc gggagagcta gcacaatcgg gggttgggat cgacggaatg 180
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cctggggttg gcagctccac atatttaagg tgattacatt caatgagtac tttgaactca 480
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<210> 5978
 <211> 378
 <212> DNA
 <213> Aspergillus nidulans

<400> 5978

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 cataaacaca cggcctcgca gccccagccc cagccccatt cagggccaaa agcctagact 180
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 taagcgctag gctccgagat aatctcttag acttggtatt cgatctgtat ctgggggttgc 360
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<210> 5979
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans

<400> 5979

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<210> 5980
 <211> 503
 <212> DNA
 <213> Aspergillus nidulans

<400> 5980

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<210> 5981
 <211> 559
 <212> DNA
 <213> Aspergillus nidulans

<400> 5981

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<210> 5982
 <211> 104
 <212> DNA
 <213> Aspergillus nidulans

<400> 5982

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<210> 5983
 <211> 558
 <212> DNA
 <213> Aspergillus nidulans

<400> 5983

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<210> 5984
<211> 757
<212> DNA
<213> *Aspergillus nidulans*

<400> 5984

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<210> 5985
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 5985

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 <211> 634
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 5987
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans

<400> 5987

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<211> 819

<212> DNA

<213> Aspergillus nidulans

<400> 5988

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<210> 5989

<211> 579

<212> DNA

<213> Aspergillus nidulans

<400> 5989

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<210> 5990
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<212> DNA
<213> Aspergillus nidulans
<400> 5990

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<210> 5992
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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 5994

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<212> DNA
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<211> 652
<212> DNA
<213> Aspergillus nidulans

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<210> 5998

<211> 594

<212> DNA

<213> *Aspergillus nidulans*

<400> 5998

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<210> 5999

<211> 535
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 <213> Aspergillus nidulans

<400> 5999

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<400> 6000

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<210> 6001
 <211> 1153
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 <213> *Aspergillus nidulans*
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<210> 6002
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6002

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 aatattgctg ccatggaagt ttttcttaga ctcttaatgg ccattgaacg ccccaaatat 420
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<210> 6003
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 <212> DNA

<213> Aspergillus nidulans

<400> 6003

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<210> 6004

<211> 1011

<212> DNA

<213> Aspergillus nidulans

<400> 6004

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 gtataacatc gaagtcggga tcttcgcgag attcctcaat gaacatcact aaacaaatca 960
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<210> 6005
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6005
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 cttatacatc ataaaagtca tgaccacctt actcggtatg ctccggtatat ccaggaacaa 240
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<210> 6006
 <211> 587
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6006
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ccatcattcc tgagctttcg ccatcatata acacgcctaa agattccgtt gggctttatc 180
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atggtttgaa gcgaccgacc ctatttggtt cgactacatc cggaagagca cctcataacc 300
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<210> 6007
<211> 538
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6007

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tggtgaagga gcagcagaaa cagcaagtcc aactagccag ctttgcacag ggccttcgac 180
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<210> 6008
<211> 648
<212> DNA
<213> Aspergillus nidulans
<400> 6008

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gaggggaaga cagaggttgt tggacagtag agaggaaagc agatggggag aaattcgacg 180
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<210> 6009
<211> 1419
<212> DNA
<213> Aspergillus nidulans

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taccctcatc tctgtttgcc ataccgcga cccaagacc caaggcacca ccgtgttgaa 180
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<210> 6010
 <211> 470
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6010
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 ggtcctattc gcggtctgtg tccggctcat cgcgccgaag ctataccga agctcttata 180
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 gatccccgcc tccacgccgt agtttgagcc gcagtgtctc tcgtccctc actccacctc 360
 gacgaggcgg aagagcccggt agctactcca ggtcacctcc cggtcactct cccggtctgt 420
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<210> 6011
 <211> 610
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6012
<211> 878
<212> DNA
<213> *Aspergillus nidulans*

<400> 6012

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gccctcttct tctatactc ttctctttag cttacacgcg gtccatagtg tggtggtgtc 840
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<210> 6013
<211> 379
<212> DNA
<213> Aspergillus nidulans

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aaatatgcct ttcagatctt gtacttatct actgtactct tgaacctcaa tcacaaaaat 180
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<211> 499
<212> DNA
<213> Aspergillus nidulans

<400> 6014
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caagaagatc cttcgccctg ctaagggaga ggcccttgat gcgttgctcg ccagtatcga 360
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<210> 6015
 <211> 538
 <212> DNA
 <213> Aspergillus nidulans

<400> 6015

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tgtcaaacat gctctcggcc aattcttggg agaagttgat tgagtcaacc agtccattgg  180
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tctcggcacc gagtttggag ttggaagcat gaacgtgtgg gtgcatccg cccaggttca  420
ggtctagatg gaggggtggcg gagacgacgc cggctagggc aaggagcgac ggtgcagtga  480
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<210> 6016
 <211> 459
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6016

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attatactta aataagccag ggaataattc tggatattta taaatttatc acccacaata  360
naatattata cgacatagtc tagaatagat aaataataag tttattatat atatcaatgn  420
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 <211> 387
 <212> DNA

<213> Aspergillus nidulans

<400> 6017

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<210> 6018

<211> 515

<212> DNA

<213> Aspergillus nidulans

<400> 6018

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tggtggtaac ctcgtcgccg ccgctgcgtg acagcgaaaa taactcgctc cagggcatca 180
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<210> 6019

<211> 485

<212> DNA

<213> Aspergillus nidulans

<400> 6019

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 tctcgttcca acagctctcc catcacacgg ccgcagactt ctctgctgga cattctccaa 420
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<210> 6020
 <211> 859
 <212> DNA
 <213> Aspergillus nidulans

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<400> 6021

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<400> 6022

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	tgtttctatt	ccgtagatac
	ggcgctcgta	120
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 <212> DNA
 <213> Aspergillus nidulans

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	agtaactcgg	attgagatcg
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	gcttaccttt	gggctggatg
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<211> 875
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6025

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<210> 6026
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6026

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<210> 6027
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6027

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<210> 6028

<211> 621

<212> DNA

<213> Aspergillus nidulans

<400> 6028

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<210> 6029
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6029

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6030

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 6032
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 6033
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6033

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<210> 6034
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6034

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6035

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<210> 6036
 <211> 944
 <212> DNA
 <213> Aspergillus nidulans

<400> 6036

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<210> 6037
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

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<210> 6038
 <211> 613
 <212> DNA
 <213> Aspergillus nidulans

<400> 6038

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<210> 6039
 <211> 760
 <212> DNA
 <213> Aspergillus nidulans

<400> 6039

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<210> 6040
<211> 757
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6040

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6041

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<210> 6042
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6042

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<211> 452
<212> DNA
<213> Aspergillus nidulans

<400> 6043

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<210> 6044
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<212> DNA
<213> Aspergillus nidulans

<400> 6044

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<210> 6045
<211> 511
<212> DNA
<213> Aspergillus nidulans

<400> 6045

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<210> 6046
<211> 495
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6047
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 <213> Aspergillus nidulans

<400> 6047

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<210> 6048
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 <213> Aspergillus nidulans

<400> 6048

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<210> 6049
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 6049

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<210> 6050
<211> 574
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6050

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<211> 765
<212> DNA
<213> Aspergillus nidulans

<400> 6051

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<210> 6052
<211> 557
<212> DNA
<213> Aspergillus nidulans

<400> 6052

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<210> 6053
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 <212> DNA
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 <211> 665
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6055
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<213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6056

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<210> 6057
 <211> 626
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6057

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 ccgggcccac aggagcggac ggagccgaac agccccacaa tgctatgaac gcgagagaga 480
 cccgacagag caagaatgca aaagagacgc caccagaagc cagaataccg ctagacaggc 540
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<210> 6058
 <211> 526
 <212> DNA
 <213> Aspergillus nidulans

<400> 6058

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 taaaacggcc ctttttcct gagcgacgaa cgataaagat agccccagcg ccatcctcca 180
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 ttccagccat cggcgtaaaa tacttacatc agcttgatc aggagagctt gatcgaaatc 360
 tggttagcgt tctgtattca aaatgactaa gcaccgcgga aacggagaaa caagcgatcc 420

gggtcctcgc caaaccacaca aaaaatcacc ttaccgtctt ttgcatctc atcccaatca 480
aagacacggc cggagcgcac gtttttcgat tcaccccaga aacaca 526

<210> 6059
<211> 121
<212> DNA
<213> Aspergillus nidulans

<400> 6059

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t 121

<210> 6060
<211> 496
<212> DNA
<213> Aspergillus nidulans

<400> 6060

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cgagtttctt ggagttgacc gaccaagatc gtcggtaaat gtaggtaagc ggcgtaatat 180
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cccgcgcagt ttcgactcat ggggaacggt gtctttccgc tcatgagggt ttgtccgccg 420
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agcacactgt ttgtga 496

<210> 6061
<211> 524
<212> DNA
<213> Aspergillus nidulans

<400> 6061

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tcgattgaga	caggaatggt	ataatacata	cttcggcgag	agaaacaggc	acggaatgta	420
tagccacagg	gcaaaccggc	catctggtca	tgctatgaga	gataaaacat	gcaggcactg	480
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<210> 6062
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 <212> DNA
 <213> *Aspergillus nidulans*

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tgagaatacc	agttgttctg	gcaacatcgc cgtcggcctg ggcacccttg atctcagcca 180
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<210> 6063

<211> 369
 <212> DNA
 <213> Aspergillus nidulans

<400> 6063

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 gagtgtgatc gagaggactt tttggagtcg cgggagaggg tttgatgttc gttgaagagc 180
 caacgggagt ccgttgcatt gtgatctgat ctgatcacac ggaatggagt tgagtagccc 240
 tcgtcacttg aggcgcttct ctagtgatga gattgggatg tgtgttggga aatcgacagc 300
 tctcacattg ataaggttgc tacgggactg ctgtccgtcg agatcgaagc ctgggataag 360
 atcggcgtg 369

<210> 6064
 <211> 400
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6064

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 agcagtatac agatgcaaga gggttatcac aattggatcg ggcctacat gtggcggggt 120
 ctagatatag cggtgtagtc tcatgagaat ttcacggggg tttaatgggt ttggtctgtg 180
 ggagggcact gatgtgtgag gagtaaggcg ttgaggaaaa ggttgcggat cataaactga 240
 cgggagtcg caagatacag aatacgatcg aatggcaaag gagatatgaa atggaatcga 300
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 acgcgtaaga atgaacatcg accgagcggg nttgcttgat 400

<210> 6065
 <211> 646
 <212> DNA
 <213> Aspergillus nidulans

<400> 6065

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ccaagacact acaccagcat ctgacagaag aaacatagta ctatcaaaca tattatggta 180
aacttctcta ctacttacct acccgctta atcctctat ggacttattt tattatttgg 240
ctaggctgtg tggtttaaga gcccgttac ctaccgcaat aagaaacccg tagtcatttt 300
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ccgtagtaat acaaatttcg gctgccacac caggtagtat acagacaccc ttaatataat 480
aataatatta tatggatgtc tgggtctgta ggatgactat gctactttcc gcagtaaaga 540
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tatttcggag acatactgac tgattaatga tcaccctca tgtcgc 646

<210> 6066
<211> 256
<212> DNA
<213> Aspergillus nidulans

<400> 6066
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atcgggtgga tgacttgtca gcgtgctggg gtcgcccttc gggtagcgat tacgggagac 180
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agctcgcggtt tttgag 256

<210> 6067
<211> 482
<212> DNA
<213> Aspergillus nidulans

<400> 6067
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ctggtctgga gccgcccga gctccgaaaa atccgccatc gcaggagaag aaaggggaagc 180
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gaatccggtc aacctgacct gagcaatggc gatcccataa tctacctgat gcgtatcctc 300

gctgcgctact ggaagaacaa attcaaaatc accgcgccag gtttgcggaac acatggctac 360
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 ga 482

<210> 6068
 <211> 483
 <212> DNA
 <213> Aspergillus nidulans

<400> 6068

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 aagactgaaa ttgccgtac cagctcagac cccttctctc gcctcaaggc tcttaaaccg 180
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 aacacagtcg gtatcgacgg cctacgcacc agatccaaca acgtcatgga aactcgtgag 360
 gtactgggta ttgaggcagc gcggtcaaca atcattcagg aaatcagcga ggcatgaag 420
 gacatggaca tcgatccgcg tcatatgcag ctcttgccg acgtcatgac ttacaagggt 480
 gaa 483

<210> 6069
 <211> 170
 <212> DNA
 <213> Aspergillus nidulans

<400> 6069

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 agatagtgc aagctacggg gctgaagctc gcagagtagt tgcagattga aggcgattgc 120
 agtacgtcga gccacactgg cgtaacgcga tgtgagttcg atactcaggt 170

<210> 6070
 <211> 629
 <212> DNA
 <213> Aspergillus nidulans

<400> 6070

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gctattcaag caatttaata aggttaatat aaggatgccc aagctgctgc agctgcatat 120

aatattaaat attcaatggt aaagcaccgc gtcaaagggc gtgcttcacg cggttgattta 180

aaaccaaata gccaaaaatt cacctctaca gaagaatcta ttcttttaaaa ttggataata 240

tctgcagagc aacgtgggct tccaattcaa tatcatcata tacaagaaat ggctcttatt 300

ctacttcaaa attgtcttgg accaactgcc tacattggaa aaaattaggc tagttggtag 360

gttagaaaac aaccagactt taaagccaaa tatatccgaa aatatgacta tgaacgcgcg 420

aaatgtgagg atccaaagat tcttaaggct tgatttgctt tagtacaaaa tacaattgca 480

aaatatggta ccttaaagga agacatctat aattttgatg aaactgggtt cttaatggga 540

ataatcgcta cctgcaaggc gtgcctttgg ttgagacttc tagattaagt tactagcttc 600

ttaggcgatt acatcttagg tagaaagcc 629

<210> 6071

<211> 601

<212> DNA

<213> *Aspergillus nidulans*

<400> 6071

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gttgatttcc agagatcgaa gcgtgcgcgg gggaatctac ggtgcaggag ccacatgaga 240

atcgggtcga ccgctcctgc aaggaatccc cagagtatag ggcggaagaa atcggacgca 300

aagagcttct tgggtccaac gagcgcatac tggataccag ccgtgttgta cgattggaat 360

tcgtgccctg tccattgaac gagcggatcg gttttctggc cgctcacgta ctgcaattta 420

gtggcgagaa cccagcgcgt cacgccgtag ttacgggca gtgcgagcat gttggcaatg 480

atttgatcc caactacctg ccgcggtggg aggtgtaggt agtggccaat tttctggtct 540

tcgagcactg tgcgagcgtc gtaccagacg ttgcctgaga tgatgcggtg tgcgagctgg 600

c 601

<210> 6072
 <211> 719
 <212> DNA
 <213> Aspergillus nidulans

<400> 6072

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 aaaggaatct ccatgacacc ctaaccaccc accaagcgga cattacattt attcctcgac 660
 aatgttacct tctcagacac gtacagaccg tcaaggaact agacttaggt tagtacaga 719

<210> 6073
 <211> 607
 <212> DNA
 <213> Aspergillus nidulans

<400> 6073

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caagccaata acagggagat ctactagtagt ggctgtacgg tattattctt ccatttctgg 480
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caggggggta tatcgctagt caaaagatat ggctcagtagt ggagtgaat ataacagctt 600
gttaaatt 607

<210> 6074
<211> 681
<212> DNA
<213> Aspergillus nidulans

<400> 6074

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tcgtcgagga agagaacttt g 681

<210> 6075
<211> 395
<212> DNA
<213> Aspergillus nidulans

<400> 6075

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acacatcaaa ttgtgacggt gttttgcagg aaccttagga taccctccgaa atcttgactc 180

ataactcggg ccgatgcgct ggaagggcag actatcctaa catgctacag tgtacagctg 240
tgattgactg acttaciaaag agattgggggt gaacgtcaac ataaatgcct atgatactat 300
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gcttggcgac ataatgcttc tcggaagttg gggca 395

<210> 6076
<211> 334
<212> DNA
<213> Aspergillus nidulans

<400> 6076

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cgactaacga gatagtcgtt cgattcctcc gccgtcttgc agacgccggg caagcaattc 180
tttgacaaat ccacgagccg tcagctgtat taggcgagat gttcgatgac ctgacccctc 240
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<210> 6077
<211> 547
<212> DNA
<213> Aspergillus nidulans

<400> 6077

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tggataaagc caattcacgg ggaagacttt tatgccgttc ctgctgatat ttcagggtact 420
tgttccggcc tgaaagggtc ctaaatagtt tgtacgggaa acccaatccc cgaaggctgg 480
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aagagga

547

<210> 6078
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 6078

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caacctttgt cgatgggata gtaaagttcg actcccttac aggcgaaaca aaactctggt 360
ctgagcatgc caatcagcgg gggaagcgat ctttgttgag gatccggatg gcaaagaaga 420
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<210> 6079
<211> 704
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations.
<400> 6079

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ccggttaaca agtctattct cttttcctgt agtcacaatt gtccttcaac gcgctcttgt 480
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<210> 6080
<211> 505
<212> DNA
<213> Aspergillus nidulans

<400> 6080

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gttccagctc ctccaacctc tttcggccac gattgacgaa tgtcctcctt ctgatatcgc 300
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tgacaattct ctccctttga atcccagcgg ccgccccaga gctagtgacc ctaacaaaca 420
gcgacataac cgtttagcgc gtacggaacg ccgtgatctc agctgcgctc agcaaaccga 480
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<210> 6081
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 6081

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<210> 6082
 <211> 522
 <212> DNA
 <213> Aspergillus nidulans

<400> 6082

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<210> 6083
 <211> 400
 <212> DNA
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<400> 6083

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<210> 6084
 <211> 777
 <212> DNA

<213> Aspergillus nidulans

<400> 6084

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<210> 6085

<211> 505

<212> DNA

<213> Aspergillus nidulans

<400> 6085

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ccgtagcctg ttcttacacc ggatttatgg cgttttgctg gtcttgata gtgtcacaga 180
gacaagcaaa acaaccaatg cgggcgtgag gggaaaccct gtctatcctg ccagccgagg 240
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cagcgacgga tctacctgag cttaccccag aaacaggaat taccctgat tccgtgcagc 420
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505

<210> 6086
<211> 518
<212> DNA
<213> Aspergillus nidulans

<400> 6086

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ccagggtctcg cggcctcttc ggcattcggg aaccgcataa tatttcccca gttatcgtcc 180
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<210> 6087
<211> 493
<212> DNA
<213> Aspergillus nidulans

<400> 6087

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ttgggaatga gat 493

<210> 6088
 <211> 714
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6088

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cgggttctgc attcaatgcg ctgggattaa cgtcgcttgc tagttgatgg acggaaaagc  180
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ccgtctcaga gctctctact cgtcccttcc gctgtgttct cataccgctt atgtgagcca  360
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gcatccgcgc aaaggccgcg tgcacctttg actctgccta caccgaggt aggaagttct  660
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6089

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ttggggtgat gctcgctctc cagcattcgg tgaaattgac ggctatggcc catctcttca  180
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 gtatttatcc catgagttcg gcttcagaga agttcctcga gaagacaaag aatggatgtt 840
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<210> 6090
 <211> 488
 <212> DNA
 <213> *Aspergillus nidulans*

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 acagtatg 488

<210> 6091
 <211> 884
 <212> DNA
 <213> *Aspergillus nidulans*

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 ctaactgctg attgctaaat gctgatggct gatgacttca ggtggcttct tcggcaacag 300
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<210> 6092
 <211> 475
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6092

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 gtaataatgt aattgagtga gagtaagtga ctgaagcatt acaagtaaata gagatttgcg 240
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 ttccataagc acctcttgat gttgagtaat atcttcgatc ttcgttcact tatgcttctc 360
 ctttccgctt catatctcct ttgcataacc tcttattcag cgtttttgag gcagcattac 420
 aatatttcag acatagctat ctttcgacag cccttccttg aggtaagcct ctgaa 475

<210> 6093
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6093

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gaagtacgga tcgatccaca cgaagattaa gtttctttcg ccgcattata tattactgct 420
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ttcacactgt cgg 493
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 <211> 682
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6094

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682

<210> 6095
<211> 762
<212> DNA
<213> Aspergillus nidulans

<400> 6095

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<210> 6096
<211> 837
<212> DNA
<213> Aspergillus nidulans

<400> 6096

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<210> 6097
 <211> 528
 <212> DNA
 <213> Aspergillus nidulans

<400> 6097

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<210> 6098
 <211> 799
 <212> DNA
 <213> Aspergillus nidulans

<400> 6098

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<210> 6099
 <211> 766
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 <213> *Aspergillus nidulans*
 <400> 6099

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<210> 6100
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6100

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tatcgtttct gatgtcgctt ttaggacgga tgacggggcc gcgaattccg acgtgaatgg 480
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<210> 6101
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<212> DNA
<213> Aspergillus nidulans

<400> 6101

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 gtc 663

<210> 6102
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 6102
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<210> 6103
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6103

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 tacctgcgca ttggtcgacg ctgctttect cacggagcgg tatcgtgaga acttggcagg 240
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 actagcgggtt tgcgtgatag tcgcatgcgg ctteggccct ccgtttgcgg tctgtagatg 420
 tagtcgactc agcgcaactgc acagacgagc gattgaccca gggcaaacaa atcacggttg 480
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<210> 6104
 <211> 553
 <212> DNA
 <213> Aspergillus nidulans

<400> 6104
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 gcgacacacc caagccaccg acacgccagc cccaccgacg caccgcccac ggaccgaaac 420
 ccacacgcgc agaccaacac agaaccaacc gacgcacccc agacgaaacc accaaccaac 480
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<210> 6105
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans

<400> 6105
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ccactttatt gagacttgag gcaaactaac tcacctgttt cggctgcgta tactgggtaca 120
 gtagcggact ttgggcctat cccaaaccca agggcgaagc gcgcaataaa taaagaccac 180
 caggtactgc aacatccttg ccagagacat gtcgtggccg agaagatgca agttataaaa 240
 atggttcctc gtcggccaaa ccaagaattg aatgggaccg tcagccagca accaacgata 300
 gcgcaacata gataaggagc ggcattgacc aatcctgaaa tccaattgtg tctggagatg 360
 ttctcgtctg ctatgccaaa ttgatgcttg tagaagatct gcgcaccgtt taccacggtt 420
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<210> 6106
 <211> 589
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6106

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 actacgagac aggtcaccag atctgacttg aacgacaatt tgggctgtat ttctggtcct 180
 gacatcttga cctagtgggt aaaagggcag agcactaaca ttctacaagg catgtgcgta 240
 aaaagtccgc aattgcattt ttttttcagc ctttcctatg tactttctgc aacttctatc 300
 cctcttaciaa ctcatctaaa gagataaacg gtacctctgg acatttacga agtgtctaata 360
 gaggcattcta tatgaaagtt tgaagaaaga tgaagtcagc caacatagct cttaaactat 420
 atgagagttt ctaagtatgg aggcacgggt ttctttaatg gctgctcttg gagtgcacgt 480
 gttagcttgg cttgtttcaa ttgtgcgttg gggcaggttt tgaacctcag taaaccgcct 540
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<210> 6107
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6107

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tcgatagccg cactggctta aattgtgcag gtatcccctc aataggagct cccgccgagc 360
cgagtcattg tgaagtctgg cagtaggtct tgctgggtga cagcgacagc gacgagcggc 420
cctcgaacgg gttgtgggga atagtttttg gaatggacct catcatgttc cttcgtctgc 480
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<210> 6108
<211> 481
<212> DNA
<213> Aspergillus nidulans

<400> 6108

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taatgcccac gacaacacgt catccacacg cgcccaaatt tgagtacata ttggagacct 180
aaagagtctt gtagtcatca ttactgttgt tgcgaaaacg ttccgtaatc acgctgttca 240
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gcgtccacga ggagcattaa cggcaaagggt agaagaataa gtatcgcgag aaagaagaac 360
gcaggacgaa tctccccata atgatctgtg ataaatccaa caattgccgg tccaaatata 420
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a 481

<210> 6109
<211> 548
<212> DNA
<213> Aspergillus nidulans

<400> 6109

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ggacacta 548

<210> 6110
<211> 504
<212> DNA
<213> Aspergillus nidulans

<400> 6110

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accacgtcca atctggaatc atcacacggg gaaccgggta acacgggacc cggcatccat 180
ggccgtgcga gtgggaagaa ggtgcctatc aaccctaaac gggcttttcc gccagaccaa 240
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<210> 6111
<211> 740
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6111

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 ggcaccccat gtcgtctgcc aattcagaaa gaaccgaagt cgtaattaga ggcgagggct 180
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 ttaagatagc gacccgctgc tcagggcgcg ctccgaaagt ctttagttgt tcagccaaca 360
 ccgaagagag ttctgacagc cctgcatata aaagcgctcc atcataagcg cagataccct 420
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<210> 6112
 <211> 533
 <212> DNA
 <213> Aspergillus nidulans

<400> 6112
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 ctataaatag ccaaactagg tatattgctt agctatattt tagataatat tatatttata 180
 tcttaagctt tgaaggcttt attatttact tgaatatcta gttatatatt aattattttc 240
 aaaccagaa aaaaaaatct ttctatttaa gaaataatct ttgttaaatt ttatttatat 300
 agaatttatt tttaatctag cttatttgat agaaactaca agcttatcta gatttctaga 360
 ttaaattagt aaaaactaat tacttattaa gctactagaa aggacttgat cttaatctta 420
 attaatttta ttattactt tatagaaaaa gataaaatta ttattaatag ttctaaaact 480
 ctttgatcta aagctcctct aatttttttag ctataagatt aaatagcaat att 533

<210> 6113
 <211> 876
 <212> DNA

<213> Aspergillus nidulans

<400> 6113

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gagcgcgcaa gcttcacaac tagcatgggt ggttttggtg tcaactgtctt ctctggacct 180
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<210> 6114

<211> 665

<212> DNA

<213> Aspergillus nidulans

<400> 6114

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 ctaga 665

<210> 6115
 <211> 978
 <212> DNA
 <213> Aspergillus nidulans

<400> 6115

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 aatgtagtaa gtcaccccg ttttcgtggg tgtacatggc catgaaagcc gttctgagtc 480
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<210> 6116
 <211> 795
 <212> DNA
 <213> Aspergillus nidulans

<400> 6116

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attactgggg atatcagtac gatccagcag gggacaagcg agaaggtggg aattgtactt 180
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<210> 6117
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 6117

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- acaaagacgt tgtccctgat gtacgcttat acctcatatg cacacatatg gcttactaac 180
aattcagttc aaaaaccttc caaaagacca attggcgccc ggtgttgaca acgcgcaggt 240
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taagaacggc gcagtgttca agcgggcagt gttcaagcat gtctcagacg cagcgaatgc 360
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<210> 6118
<211> 200
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6118

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<210> 6119
<211> 550
<212> DNA
<213> Aspergillus nidulans

<400> 6119

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<210> 6120
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

<400> 6120

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<210> 6121
 <211> 1377
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6121

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 accggaatga ttcaatgtcg cgatctctac tcccgctctt cttccagccc cacctccacc 420
 aaccaactgc ctagcacgcg agatatgcag cgattcatct ccgcctacat cacctatttc 480
 caccctcacc tgccattcct tcatatccct agtcttaatt tccaagcacc cgagtatacg 540

aacaatttac gcaccccgag cggccacctt aatctcagct ccaccggtgt tgttggtggt 600
gggggttgct tgatcttgct catggcagca attggagcat tatacgaact tgacacagcc 660
gcctcaaagg atctctttga agcctcgaag aagatgatcc agctttatct cgaggaacgt 720
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gcgcggggcgg ccgagttgac tgccacatcg atgcaaggac cttcccagga tacctcacgc 960
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gcctatcttc ttttattgta tcggttagtg aggatttctc attctggttc actcgcaatg 1320
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<210> 6122
<211> 497
<212> DNA
<213> *Aspergillus nidulans*

<400> 6122

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acgcaggagc cgcattgagct gctgggcgtg ctggaaccgg gcacgaaccc ggacgctgcc 180
tcgtggaggc atatcatcaa gctctccgag gcgccgtggc tgccgcacca cgttgtccag 240
gggaacatcc tctaccccg tgcaggattc gtgtgtctcg ccattgaggc aatcaagatg 300
cagtctgcca tgagcgggac gaatgatgtg accggtttca ggctgcgcga tgtcgagatc 360
catcaggcgc tcgtgattgc ggacagtgc gacggcgtcg aagtgcagac gaccctccgg 420
tccgtagagg caaggtcatc ggcgccagag cgtggaacac gtttgagatc tggtcggtca 480
gcgcagacag cgagtgg 497

<210> 6123
 <211> 445
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6123

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aatcgaggga taccgactgc ttgaaccttg aacgctacca ctgagtcaac acgctgttga  180
aggttttaga aaagcaggat gtaggaatta acatagggcc tctaaaaggc cccccggggg  240
at ttgtgacac acccaaggtg ggtaccgcct tttttttggc acgaaaggga ttttgaaatg  300
tttactctaa tagcgctggg gacgcttaac ctaaagccct tttgaaggca ttgttaaaaa  360
ataccaatg  ttccaaaatt aatgctatta aacctaacag ggtatgccct ttggggcctt  420
ccccgatacc ccttttaagg actgc                                     445

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<210> 6124
 <211> 431
 <212> DNA
 <213> Aspergillus nidulans

<400> 6124

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ctgcctgcgg ccttatgtat ctctaacgcc tgcttcagct cagaaagaat atccgagaaa  180
tgtctcgtct tgacaccatt gggagtggag cgagtgttcc cgtgcatcgg gtcgcattgc  240
cagacgggga tatggccgga ggattgaaca gcgctgatgt gtccaggag atgggcggcg  300
atattggcag caccgtagcg ggaggatgag ggtgactttg ccaatttcgc gggttggatt  360
gacagtatcg aggaggtga ctagctcctg gggggtcatg gaggggcaa ttttgatgcc  420
catgggggtt g                                     431

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<210> 6125
 <211> 724
 <212> DNA
 <213> Aspergillus nidulans

<400> 6125

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aagacgggta tctagggcta gagaagacag gaaagcgagg agcaggaaca gaagcaaggc 180
cgcaaagccg cccgcctgaa tggaccgtgc tttgcaactt tgggaaatag cggcggtcac 240
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gatgcaggac tgagagggga cccggctgga acagtgggtgc atagtgtgtc ctcgtttcag 360
agggatcagg gcttcgaatt cgatgcgggtg gccttccgtt cggctgaatc tgtaggagt 420
gtgagtctgg tggagtataa atcagagact ctggaaccaa agagatcgtt ggctgctcgc 480
aacgtagatt gatcgctctt tctcctccg tttttgagag cgcgccatca tagatatgta 540
gactcaaggt ggtcgctaga gtcaacggta cggagtagtc ggtctcctga gacaaagcaa 600
acactgacca aggatatcgt tgttgagaaa caactttgag cgtctcaaga tagacttcat 660
tcacgacatg ccctacagcc aggtaagccc tttgcggatg aatccacgac aacattgcgc 720
tttg 724

<210> 6126

<211> 524

<212> DNA

<213> *Aspergillus nidulans*

<400> 6126

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aaatgtttcc ccggttgggt ttctacacaa ggcagaattc actatcactg acttgatgcg 120
agtgggcacg agcaagggtg agagctcgcc atcatcggga gtcaccaatag cgccaagcat 180
tgtctgcaaa gtgcaatcga ggagtgcagg gtgcagcaga aaacggcatg gcttaccatc 240
aggaaggacg tcttgtatct caccatggga agcgtccttc tgccgataca acgagcggat 300
gccgcggaag acgccgctat atccgtatcc tactttggcc aaaaatgcat acagctcatc 360
gacatcaacg gactcatac cagcacttcc tgaccacta gactgtgcca aaaggctcggg 420
gttcggcgct cccagggaaa taatcatttg cccggacgca cgaagttgga acgcgtcccc 480
tgtactggcg tgtatgtgaa aggtccagaa gtcatttcgt cagt 524

<210> 6127
 <211> 1013
 <212> DNA
 <213> Aspergillus nidulans

<400> 6127

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ttggttgtct tggcccagtg ctggcgctcg ttgcgagaaa ggggctttgg ttccttaggg 180
aggtaggtgg gccctgagaa cgttttgga cgtgggatga agggctcgac ggttctggtg 240
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ttttcggtaa gagaccattt ctccgtcatg agcttggcca gctcgttgtc gtcgcggcga 360
gtgtatgcct gcgccgagac gcgaacggtc aggttccgcg ggagacgagg gagtctgcgc 420
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taccctttac tgcattctag aggacgtgct ggccgtgata tcgaggatcc cgctcgtttg 660
cctttgggct tgctcttgta catgcgccgg tgcacccgac ggggaagggg ggcttgtgcc 720
gatccggaga ggcttcatgc catgccaggc tataggatcc gcttattccc caacagtgga 780
taagtcaatg gttagctttg acccacctt gtccgtggga tggcctcttt gaatgcgcca 840
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tctggcaacc gctggatttt gtccatccac tttcccttc tggggccatc cttttgtcaa 960
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<210> 6128
 <211> 1046
 <212> DNA
 <213> Aspergillus nidulans

<400> 6128

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gcacgaagcg gagcgaagggc cgttacttgg gacacagagg cacagacggt cgcgttcgta 180
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 gactgggatac atattcctgc caaaagcttt ccgcaatgga gggatcctgt tctcgtcggt 300
 cgctctggtg acggtegett tgatctcgac tctgtgcttt cacctgcttc tcgagtgccg 360
 gagacggtat ggcgaggagg atggcgatct tttctagcca ttcgcccga tccaaacacc 420
 cgggtattgg accttgagca ttaagtatcc caccatattc caaaaatggg gtttagcatt 480
 cggggcatat ggaaaaactc atccgcctgg accgtccgta caatcatagt ggggtcccact 540
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 cctgtcctct ccttaccaaa tcccgaata tccgtctccc tgaagcaatt tgcgtcccc 780
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 actttatctt ctatcggttg tacctgatct tgtcctatat gagaatctcc ccacctatat 960
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 gtcgccctcc atgtgcatca gctctt 1046

<210> 6129
 <211> 422
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6129
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 ctgacacagg aaatggatgc aaccttgatc tcaattgaga gtcgagactg gcatactctgc 180
 ggatcattgc cgtaaccgac tgggattcgt ggccggcttg gggatcttcg agctacggag 240
 cgacaactgt gataatgcga acgggtcca accagccaga aaggggtcta aggcgggtag 300
 acggcagcag cgtccagaga gcattatctg ccatggcata cggaaatact atgaaaccga 360
 taatactatg aaaggttctt atgaaaatag acgactccag acgttagaga ccaaggcata 420

ag

422

<210> 6130
<211> 241
<212> DNA
<213> Aspergillus nidulans

<400> 6130

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gcttcgagtg gcaagacaga ggatgtcgag aagtatgtga aggagaaggt tggacaggca 180
aaggatactg ctcagagcag cgggttcaat atcgatctgg ataagtggtc tagtctgac 240

c

241

<210> 6131
<211> 420
<212> DNA
<213> Aspergillus nidulans

<400> 6131

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aaaactctct gtccgaatcg gtgcttacat gcgactcggc gtctgctgac ttgaaagtgc 120
ccggcgcctt agcctggatc tagaggctgc tggaggctgc ggcagcctct agcagcctct 180
tattcaccag gagctagctg gattgcgggc cagagctaga ctcataatag cagtgccaaag 240
cctcaaggcg ctcttatgca gtcacagtgt ctcaactcgc cggccgaatt ggtccctgcg 300
gctcaaccgg gcgagtaaga cttcactata ggctcttgca gaccatgct aggaccacat 360
gctaaacca gtttggggct gtgctctggg ccaggctact ttgggcctta gcggtgttgc 420

<210> 6132
<211> 518
<212> DNA
<213> Aspergillus nidulans

<400> 6132

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ctgccctgcc aacagacggg cccatagcgg cgaacgatat cttcagtact tatgtcgaac 180
tctcccaacc cgccactcgc aaagtaagtt agcaccgttg tctgctcaaa caccaacaga 240
taaccaacac tttttttagg acttgaggat catggccgat gcgacgacgg acccgacgt 300
acagaagatc ctccgaacct acgccaacga aacctacaca gccgaaatcc tcaccaagag 360
catttcagtc cttgacatcc tcgaacaaca tcccgcaatt gacctcccat tgggaacatt 420
cctactaatg cttccatcta tgcgcatgcg caatagtcag tattattcct ctcattcctt 480
atagcccagt ctaacagcga gtcaaaacag ttccatct 518

<210> 6133
<211> 503
<212> DNA
<213> Aspergillus nidulans

<400> 6133
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gatgctctcg tcgacataaa gtggccaagc aggaagcatt cgaagaaaag ataaaattga 120
agaaccagtt tcgcgccctc gatgaagacg aagtcgaatt tctcgattct ataatggagt 180
ctactcgagc tcacgaggcc actgtgaaga aggagactgc cgaacaactg gagcagttcc 240
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gtgcgacact tattccaggt cgaaaacgaa agtcgatggg cgacgttact accgatcctc 420
ctatgaaaga gacggaacca aacaaaagga ccaaggaact cctcgaggag aaacgaaacg 480
tgactatccc agccacagag gag 503

<210> 6134
<211> 994
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6134

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gactctgtgt tttcttaagg tgtttatgct aacacttcta cggatgccta tacaatattc 180
attcacgaaa gaagccatga ttgaaagcc ccgccatttc tcttcatacc aataagcaac 240
atctagccag attatccgat cttgctgaac ccaacgagac aagaatataa ctacactccc 300
acgaactggt acagtacctt ccgtcacgga gctcctacat tctcagcagt aataacttaac 360
ccatcatttt atcatagaaa catcctagct accagatata gctgaggctc agctaattcg 420
agtcaaccac gcattattct taccagccta ccatcgccgg attcgaccta acaccaagat 480
tcacctaag gcgaacttaa agtgctcgtc caactcatta gactacgaga ccaaccgtgc 540
caaacggcct aaactatccc agttaaccac ccgccctgcg cagagctggt atcgggccta 600
cgagcggcct tggccctatg tctctcgccc tgttcgctc ccttattatg ttactgctta 660
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ggaatgaggg ggnagagtcc nagtgggact aattccagtt ttcgtaggaa ttncctttga 900
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gaaacaagag aaaaaaatc aaaagactgg ccca 994

<210> 6135
<211> 791
<212> DNA
<213> *Aspergillus nidulans*

<400> 6135

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gacaagatcc cctaattccg ccgcatgtac ggtgctctgt gattcggaag aaaagaagcc 180
aaagcgagtc ggctcattct cattcttcag cttgtccagc aactccttct cgtttgcttg 240
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aagcccgcga gtatctgtcc tgcgaactca gactatgttt gcgctgattg ctggaaggct 420
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ttccaggttc ttcgaagtgc ggcacgcacg tatectctgg agaatccagg tcacctgggt 540
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gctgaagaat ggcctccaaa tctggggggc catggctctc caaagtatct gcgcgctctc 660
ggcgacgagg atctgcaaag gcgtcgacgg aatttggcgg cgacgaggat cgagccaaaa 720
cggaactctc tcgtgatctg ttaccaatat cctgatgagt acggctatat gtcagaccgt 780
ggcgccgtag t 791

<210> 6136
<211> 464
<212> DNA
<213> Aspergillus nidulans

<400> 6136
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tatcatgata tatgagattc aaaaacaacg ccaatgggat gtgagtcagg cccaagtcca 180
gaatccctag tgcaacgcaa cgcaatgcaa gtaactaaac aatacaacga tataatcagc 240
aaatattgat gtagataaga tgtgaacaga gagagaaaag gagagtgggg aagagggggc 300
tcataggtct attcagctaa actttccctc aacaaccctt catcgatccg ctcagcatgt 360
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cccggatgac ggaacccgag tggcggtcgt ttctatggct gagg 464

<210> 6137
<211> 518
<212> DNA
<213> Aspergillus nidulans

<400> 6137
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ggtaagaatc ttgccagaat tccccagata cagtgtttgt ttccgactcc catgtgctca 180
actcctcag cactgtctca caaaccaaca aggtcgactc caccgagcac ggagtactca 240
gtagtaagaa ggacgggtta cggcggagga aggaaggatg ggcgggcccc gagggttgat 300

cgacccccaca agaaggacgg agcggacggt ttgtgaactt cttccaagcc aactaactcc 360
catgcagcat gcaggaaccg gttagcctcg tgtctcgatc tggttatagc agggcttggc 420
gcgactctgc gagggagctg agtaccggcc ctctctcaa aaaccggaga atattcgct 480
tgctatggtg ttgaggtacg tatttcgatg tttacatg 518

<210> 6138
<211> 658
<212> DNA
<213> Aspergillus nidulans

<400> 6138

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catccgcttt cttacaacag caccaccgct tctttttgcg cacattgcca acacctcaat 180
tctttaccaa gccttagtga ccctattatc gaccggatga acgtctgacc acgaaacgct 240
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ccgtcacacg ggcggatacc tctccctcgt cgctatcggc gcatttatcc gattaggcgc 360
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gtcgggacta tacaagcatc tgcagcatcc gagctatacg ggaattgtgc tcttggtggc 480
tggttatggc gggctattgg tcaattcgct tcgattcgcc cattacttgt cttttttaga 540
acctctactt aggttattga aagggtgggag ctggttcttc tcttgtttagc agctcggact 600
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<210> 6139
<211> 568
<212> DNA
<213> Aspergillus nidulans

<400> 6139

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agtagagctt actatgtgtt gtaacccttt cacaagtcct tatggcgagg aatgtgtact 180
atggcgcgta tactagccat cgtgatagct gcatatcaaa atgtcaagcg cagtgaccag 240

ttagggctag	gtgactcgaa	ttgatacgga	tacgtttatt	ttaccattta	tagggttaat	300
acataactag	cggtataaat	atgtcacgtt	aacctgacag	aattaaaacc	ccagcacagc	360
cgcgcgccaa	atcaatcaac	ccggcgagct	tgcaaatgc	ctcaataatc	ggtaaaaata	420
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<210> 6140
 <211> 519
 <212> DNA
 <213> Aspergillus nidulans

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caactgctaa	tgaccggaca	gcggcgggtga tgtcgggtcac cgggaacgac gtggggggccg 180
gttaacctgg	gtccgaaagt	ctccacatct attccgttac ccgtaagcgt acatctgtac 240
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cgttgagatg	gagttatcgg	tcgaatggga ttaactgcga tgagcaaagt ccttctcctc 360
cgtaaatcc	gagacctgac	tccggcaaata gcatgataaa atcgggttgtt gctagcacta 420
tagtgcata	gaatggattg	cggctcccag gccactctgg ctgatcacca tcaactgtcgg 480
gaacagcaag	acttgacccg	cccgaataaa aaggaggga 519

<210> 6141
 <211> 445
 <212> DNA
 <213> Aspergillus nidulans

<400>	6141	
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cgggacagat	cgatgacatg	cgaaactgat gtttgccatg gacctgggtc gtttcacggt 180
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 gttaccggac ttgacccctt gtttagatag atagaccggc cctgcggagt ttctaggttc 360
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 ctgaatcacg gacgagtact atggt 445

<210> 6142
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 6142

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 ctgaccataa cagcttggtg tggatgaaga gtccgccatt cttggcctac cgggacaacg 180
 cgaaacaact ctgaagctag acgcggaacca ttgcgagatg tgcaaagtta gcggtcgagg 240
 agcgatgtac aggctgattt cagggaacat cagagatatt gcagaccagg tcctggaagc 300
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 tcgaatgcat tttaatagta gtacgccata cgcaggcccc cctcgaacc caaacccaaa 420
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<210> 6143
 <211> 914
 <212> DNA
 <213> Aspergillus nidulans

<400> 6143

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 ccaacggcat tttccagac gtcgttagtt ttagcatcaa aaacgatgaa cagttgagtg 180
 taattctgaa gtcatacctc atctgttctt tcagctcttt tgcaatgttg tggctgtccc 240
 tgtgatttgt tgccatgtcc ttttgtcctt ttcaccgttc tctgtttagt ctctgcctgt 300
 tcctctgtag agtagcatcg agcgctagaa ttcgaacaaa ggacggagga gctgtgggtg 360

gaactgtgat ggctgacgga tggccagagg cgctgtgaaa gcggaacgga cagagaacag 420
agcccgggag gcctgagctt gtctgaggag agttcgcttg aacattatga atttatgtga 480
tttgagatt ataatgattg aaggtagagg aacagggttg gtgctaata gacactcggc 540
attacagcag aaaatatgaa agcttcgacg tcacctgacc gcgccgaagg aaaaacatcc 600
caccgaacta tacatgagat gcgacgcgta tcatactttg atgtcccaag taattgtgga 660
aaccataccc gaggtcaata aatgggtgga cttccgcaga tagattctgt ctggagtatt 720
aatcaagtgt tttcaaattt tacagttgag gagctattcg ccgttattag ccgggtccag 780
tgaggtcagc tcctccgaag agagcacgga tggcactaat tgagagacag cttactgtt 840
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<210> 6144
<211> 858
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6144

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tgaaactgtt acaaaaaacgg caagttgtac cacttgccat gcctccttac cgtgccactt 180
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gtagaggtgc ccgccacact cgttacatgc ttaaagatga agaggtgcgt ttttgatctt 300
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tggaactgaaa ccttaggtca gagcgagacg aaacatcagg gcggctcatc gtccttgaag 480
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cccaaactga atgaggggct accatagttg ctgatcccct aaaagagagc taacttggga 660
ctgatgatct gtgcacttat tgccggcgta ctgtctataa acctgttcaa cggttaaaat 720
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aatttatctc ctctcatc 858

<210> 6145
<211> 524
<212> DNA
<213> Aspergillus nidulans

<400> 6145

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aaccccgaa ccttcttctg aatatgctca acaaagctc gttgaaagcc agtcgacatg 180
tgctttgcgg catctagtcg catcccgatc agagacaact gctccgtgat ccaacaactc 240
cagttgaaca tatcagcgcg cacctcgga tgagacaggt ccagatcggc aaacattaga 300
taatcgtagt tccccttttc cgttgagacg tcgtgcgcc atttcttctc ctgatttccc 360
acttctccaa ggataaggta tatgccgct tgcttgctgt tgctgtccca gtcaacaccg 420
gagaagtgt gactatgata cttcatgctg ctgtatgtat cttcacgtac tcgcaaacctc 480
gaagccagtc caggcagata tcgacgagg cttagagatg gcac 524

<210> 6146
<211> 528
<212> DNA
<213> Aspergillus nidulans

<400> 6146

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ctcctctatc tacatatctt tcaagaccac aaccacctcc ttctcccag ctaacatagt 180
ggcccccat cctaaatccc ctttggtgaa cgtgtccac ttatttcccc tgagtatatc 240
cagccgaact caatttccat ccaaggccag aggataaaaa ggcagctgac acgagttgag 300
cggagaaatt cccacagaa cccgctcta ttatcataaa cttaggccac agggccagat 360
gacctccgct cctcaaacc aatcatcact tacttcgttc gtggttggt cgataatata 420
cttacatcga agtgaatggt ccaaggccga agctgtcct tggtagatat gaatgtaaat 480

gaacgacctt agtggaaacaa tactccgatg gtgcggagaa ctcagtga 528

<210> 6147
 <211> 451
 <212> DNA
 <213> Aspergillus nidulans

<400> 6147

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 gcgtggacct ggactgtggg acctggcttc caagctacct gggggaggcg gaaaggcagg 180
 gcttgatcag caatgagacg ctggacgcgg cgttgacgag actatatacg agtctcgtac 240
 agctggggta ctttgatccg gccgaggggc aaccgctgcg gtccctgggc tgggacgatg 300
 tagcgacgag cgaggcggag gagctcgcaa agactgtcgc gatccagggc accgtgctgc 360
 tgaagaatat cgactggacc cttccactga aggcgaacgg cacactggca cttatttggg 420
 ccctttatca atttcaccaa ccgagctgca g 451

<210> 6148
 <211> 1002
 <212> DNA
 <213> Aspergillus nidulans

<400> 6148

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 tcagcactac tgcattggcca taagtctctg cttatagtgg ggatttcgca aacaaatcag 180
 cagtgcgaaa atctcctacc cgactcgcat ttcggcactg tggcctaact gcttctcacc 240
 aggatgatca ttgatcagca agaattggctc tttttactcc atatctacat accacattta 300
 catcatatct acatactaaa catcactcca tgtctctacc cgtggaaatc acctccaatg 360
 tgcaacaatt cggatttaca aagaaacaaa cccgatagtc gaactttggc cctgcagcct 420
 cattacttcg agctacgtaa gccgagttcg cacgcagtgg ggtttctggg cttttgataa 480
 ttgactaggt atggactgcg tgcagccccg gcttggtgtc ggcgagtgcc aagactggga 540
 gaggtcaaac cattaaccac aatcactaaa cccgatggat gggatttgct gcaattggga 600

aaagctttgg ggggggtgggg gtattatgtg ggtgggtggc cccatattcc ttttgtatta 660
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 ctccggccgt tgggtctcatt ccttcttgaa tacttaaagc ctccctctcg attttggtgc 780
 tcattttccg ttatgcctaa atttgttata agcggcatgt ttaataaatc ctggaacttt 840
 atattaactt cttttttaaa gaactaagtc ttttctcagg gaggcttaga ggagttccgt 900
 tgttatatac acctctcata tacataatta atcatttttc attctaaatc atattcttaa 960
 tatatattat tattattttt tttttattcc acttattgta ta 1002

<210> 6149
 <211> 509
 <212> DNA
 <213> Aspergillus nidulans

<400> 6149
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 cagacttacc tggccaaagg catcctgac taaaacaact ctactcttat cagggccagg 180
 cccctaggat acagaataag ttaccgcaga agaccagga aaagcgaata cactactagc 240
 ttgaacaaga tctaatttc attcacacaa ccagacctgg gtattggggg actgctagct 300
 tccccagtcc agaaactaga ctactgaata gtcctccag cctcaagccg ccacatcaga 360
 ttgtcccttt gaaagataat cagccgacca agtagtcgta atctcttgcc aaaaccacgc 420
 ataaactggg ctgtgtgaga ataggttata aaggtaaaaa tattattgat ccttacatca 480
 aaatacgctg tataatctaa agtggtgac 509

<210> 6150
 <211> 465
 <212> DNA
 <213> Aspergillus nidulans

<400> 6150
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 cgggcggggg tagaccaag gcacaaaggc tcgtgcttgg gaagcttcgt gctccgcgtc 180

cacccattgt gagagactag ctcacgaaag gtctctatga gatcctgccc tacatttccg 240
cacctgacca ccgtaccatg tctggtgatc ggacgatcat cataccgact ctgcggaatg 300
ctgtgaacca gtacccatat cctggaggca ttctgccact ctgagattcc ctaattagcg 360
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gaccgtgatg agcacctgat ggatggcaac cttgttacac aggac 465

<210> 6151
<211> 532
<212> DNA
<213> Aspergillus nidulans

<400> 6151
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tccactggga agagtgtata tgcateccct gccaggcccg gccaaatcgg tactttcttt 180
gataattcaa gcccgagcga gaccgaagat gaagggtata ggccggtttc gcgcgatgac 240
tactctattc atagcaacca ccttctttc cgctcccgaa ctccatcaag gccgacaacg 300
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ctgaagccca tcgcagagca ccgggagagc attgccgagc agggtagcaa cccccggcc 420
agccccgaga agcctccttc tcccaccata cctgcaggac tcgacaatca gtggtctcgt 480
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<210> 6152
<211> 490
<212> DNA
<213> Aspergillus nidulans

<400> 6152
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cggctacgtg ctattcttcc cgggcctttt tggcggtcct gcgtttgact atgttgcta 120
ccgtcgatgg attgacacca cactttttga agtaccacca ggcactgacc cgtccaaagt 180
gccaccaacc cgaaagaagc gaaaaattcc acggagtga ctctgctgc caagaaggca 240
gtgataggtc tggatgggt tgtggttttt cttcaaatga gctcgattta caacaaagag 300

gctttattgg aacccagttt cccggactat tccttccttc gacgagtctg gattgtgcac 360
 gcgctgggat tcacacccgc gccaaatatt atggcgtgtg gtcactcacc gaagctgcat 420
 gtatcttgtc gggaatggga tataacggct ttgatccaag acgggtaaag tattttggaa 480
 cagactgcaa 490

<210> 6153
 <211> 485
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6153

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 atcacaatat caaagttccc ttccttttcg tccttcaggt gctcttcaag ttcaaccttc 180
 ggttctggac ctgctacctt gaacggagcc agagcgccg tggtgacaat ccagggcgag 240
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 atgtcgcggg ctgcagccat attagtcta gttgctacac tgtctcagag aagcgggaaa 360
 ttgaacgaga cgcaccactc caatcgtaa gcactacgaa cccaaaaaca taaacaactg 420
 catcagtagc aggaattcct tatgcggatc cccatccgaa aggtcgccca acgacaacaa 480
 caagt 485

<210> 6154
 <211> 490
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6154

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 ttggtttctg ccgcggtaag cgacggtgaa cagcagcagc gcttgaacag tcggcagata 180
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 ctctgttggg tattgggcgc gttcatctac cccgatactc atgagcagat acgcagaaac 300
 aagtacgggg atgtcatctc ttgagatagt cgacaagtcc tccactgcag cgagctgctc 360

gagacttgct gagaacgcag taaaattgaa tataggatag aggggatata ttcgtaatcg 420
gaatacagag caatattctt tccgtctctc tgcacccgga agttcaggca gcgtcagagc 480
cagcgggata 490

<210> 6155
<211> 699
<212> DNA
<213> Aspergillus nidulans

<400> 6155

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cgctggagta ggaagctagt acgaagtgag actgtgagag cctgagtgga agcctgagag 180
agcctgagag agcctgagcc ttgcccagga gagaaacgac cagtgaccag aaaggaaagt 240
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aagcaccact gctggatcag tcactctgga gactctcaga ctcccgtatg aatcgactt 420
tgttctgatt cgacagcgta tcctcttggc catgggtgat ggggcgctta tacggctcgc 480
tcccagtgcg gtcagagaag aattctctgg actctggagt aggtcaggta tgccagccca 540
agtccatgtg aggggtgccag gctgccagct ttcaggccac ccccgactga attaacactc 600
cccctcgact cgccggatgc cacgttgtca ggactctggg cgacaccctg tcgggtctct 660
accatttcca cccccccgcg tccttatata aaacagtga 699

<210> 6156
<211> 715
<212> DNA
<213> Aspergillus nidulans

<400> 6156

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tcaagatgga ccacatgacg gatctgagaa cacacttcgt gggtcgcgga ggagtcttct 180
gaggggccga agggatagaa gcagaggaag cagcatgcga tccaaagagc aaaatccgga 240

cgagcctagt ctggaggaaa ataagactgc tagccctgat gtgcacgata aaacgagata 300
 ggacaaggct tctaaaccct cgcgaaaact cttegccttt ctgagctgct gttegtcctc 360
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 tgttcagact cagccaacgc cggagaaagc ggatgtcaat gccgccgact cgagtatggc 480
 ggagtccaag atgtcgagtt atttcaagga cgagaagccc aatatgacag tgattcccca 540
 caaacaatca tcacatgaag aggggtgctgc ggaaccaagc tcgcaatatg atggaacaaa 600
 aacggcgcca gttatacctg aatctgttca aaatcaacct tcataagcg cggacaaaaga 660
 aacccgagtg ccggacacac aatcgtcgat ccagcggcga ttgtcgact gagcc 715

<210> 6157
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6157
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 tcaatctcat cgtcagaaat ggtgcaagga taatcaagct ttgccgtcca catgcggtca 180
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 gaatttcgac catgtccacg ctcgccgct cgctcacaat gcgccgata ttggtcgctt 420
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<210> 6158
 <211> 681
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6158
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ttctttccgg tgaagatgtc gatggcgaca aggtgaacct tggcgtgacc gtgcttacca 180
 gtcttgagg tagacatgtc gacgatcttg caggggcggt tcttgatcac aacgaaaccg 240
 ttcttgcgca gagcggaaca ctgcatggg taggtggccg aggcgccagc atcggcggac 300
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 agtgatcaga tgcgagtggg gtaaggatgc tggcgctgt attccggctc ctcaagacca 480
 gtgactgatt gttgaggaac gtgacaggaa tcaacctagc ctagcaaadc aggaaatttt 540
 cataaaggaa cggtaacctg tcagccatgg tgatagatgc taaagcaaga tagactggta 600
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 aagagaattt tcgaggaggg g 681

<210> 6159
 <211> 676
 <212> DNA
 <213> Aspergillus nidulans

<400> 6159
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 tcatatcaca tcttccactc gactacagcc atgtccacca caatttcctt agccaagacc 180
 caaactaccc gttcaactct tatccaggca atctcgacag ccgcccacaa atctagagtt 240
 gactctgcaa tatgggcttt tctctggacg gcggatattc caaacctcga agccatgttg 300
 gataatgcca aatcgaatcc cggggtggtg taccgacagc tagtcaattg ccatcaggct 360
 agggacgcaa tcaggaaatg tgagtaagtc atatgataaa cctcactatg atacctgtgc 420
 gatatagggg tggtcaggac tcaattccct agcaatgaac agcatcgagt ccataggctg 480
 aaggagaaaa actcgagatc gagttcgatg tcgatgacaa aagaaagatc cgccaatcta 540
 gactctgtcc tctctggaa cgcggccctc tgcaagacac gagacgggaa caaatgcgtc 600
 atcccagccg caaacgcata cctgcacacc aatccaagta acaccggtaa tgatagcgac 660
 gtcaaagtca cacctc 676

<210> 6160
 <211> 444
 <212> DNA
 <213> Aspergillus nidulans

<400> 6160

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ccctgaatgt tcgcgccatt cacagtacac tccatgagcg gaatggcgcc cctgagactg 180
cctgggcgca tatatacttc tgtgccaatg aagggcacta ggactgtccg ccactcacct 240
atccttccga accgcatcgt gaagagcgca ccatgtcagc gccacggcct gagatccctg 300
agaccaagaa tgacatggac tatggccatg agtcgccatc gcccatcacc tccgtcaatg 360
gccctgataa agagcagggg gatgaagaga cggacatcac gtatgcggac gccctgcgct 420
tgaccatcat catgtgcacg ctga 444

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<210> 6161
 <211> 477
 <212> DNA
 <213> Aspergillus nidulans

<400> 6161

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tgttctctgg caagatcggc tccggcgacg gcacggcca agccctaacc catgagcaat 180
tccttgaagt cttcagcact ggcaatggct tcacaagcgg ctgcgggatc gaatatacctg 240
caaatatcac agtcgagaaa ttactgaca aatctacaag aaggaacccc atcaagggta 300
cggactatct cagtgggatt ctgtgtccag gacggagact actgaatgtc aagggtcaagc 360
gctttgctga tgggaatcgg agggacctac atgacggtat gcaattcttt cctctcctca 420
cctcatcaca accctagggt agccatggag aatgagtgtt acacaatatg agcagac 477

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<210> 6162
 <211> 708
 <212> DNA
 <213> Aspergillus nidulans

<400> 6162

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gatgcgccgg atttacttca ctccgctggt tcaatacatg cttcctgtcc tagagcgaag 660
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<210> 6163
<211> 502
<212> DNA
<213> Aspergillus nidulans

<400> 6163

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actagagggtt acatgtgcga tg 502

<210> 6164
<211> 632

<212> DNA
 <213> Aspergillus nidulans

<400> 6164

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 tgcgataacc ggacggccag cccaacaaca gggcagacaa ccggccaccc gcatgaaaac 420
 cccccgacgg gaaatgaaca acaggccaac cgaggaagga accgagaaag gcctcaccgc 480
 cccccggagg cagagaaacg accacagccc ccgggcaagc cccaaaacgg caaaaaccaa 540
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<210> 6165
 <211> 2174
 <212> DNA
 <213> Aspergillus nidulans

<400> 6165

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 caactgcccc gatgcaagga aaggcaacca gtgcaagcac atctgctatg gtaagctatc 480
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ttcgcatctc cagtaccaac tagcttttct atcatctgtc agtgcgtaa ccaaaacttt 660
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 gttcggcggg aaag 2174

<210> 6166
 <211> 558
 <212> DNA
 <213> Aspergillus nidulans

<400> 6166

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cgcgaaatcc tccgcctggc gagccaaggc ggcgcgaccg tgcagtatgt gtcgaccaac 180
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gacgtgccaa caaagctgct ggatgggtac ggacaaacta agtgggtagc agaacagctt 300
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ggtcacagtc agtcaggtgc tgcaaatgcc tgggatcttc tcaactgctt gatcgtggag 420
tcgatcaaat tgggcgaata ccctgatgtt gagggctggc gcgcggaaat gactccagtg 480
gactttgtta gcaaagctat taccacctc gcgaatcagg ctgcagtgga acagtctgtt 540
ttccatatcg gagaccct 558
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<210> 6167
 <211> 447
 <212> DNA
 <213> Aspergillus nidulans

<400> 6167

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gttcagcgcc taataggcgt agtacaagcg ggtctcgtcg ttcgactggc gtatcttttt 180
attcaactgc acaagccaga gttcatcac ccatgcgcca acaagacaag cgatgctaaa 240
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ctagtttgag gggctgaagt cagcagacgc ataccgaaag ccagagctcg cagattcctg 360
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<210> 6168
 <211> 484
 <212> DNA
 <213> Aspergillus nidulans

<400> 6168

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caggttcact tccagaatat cctgccctca aacaatctcc tcgccgtccg aaatactgtc 120
gcaaagtcca gtcccccgtc tgctccaaac gtagcgcta caagaatact tccgctcgcg 180
tggccgatag taatacctgt cggatccacg gggtcgaac ttgtcacatc tgcaaccgta 240
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tggggctgac cgacggagag tgctcgaacg accaggtcaa cacgcgagtc atcttttaggt 360
atcgaacaa ttccaatctt ggggacactg ccaggaactg cctcagggtga ccgagcgagg 420
ccatcttcgc gccagcctga cggcggatag agtctaagcg agccaggaga cgggagtagc 480
agtg 484

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<210> 6169
 <211> 600
 <212> DNA
 <213> Aspergillus nidulans

<400> 6169

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tgatatattg ctgctgcata ggatttatgc cgcaacatgt cttcatattc aaggaaacaa 180
caaacattga acatataaac agatgaaata atgaatggcg gaaagaaata gcacggagat 240
gaaatgggta cgcaaatac gtaagctggc atgggataaa gacagtttgc ggcgtaggca 300
atacgtgggt gaactattta gagtattcga tatctgggtc atcttttagag gtgcccagtg 360
aggtccacac tcgacctcac tataacaaca gaagacacaa gaggaactct tcgttgatga 420
tggatgactt tctaagaatt taatgtggcg gttgacgata gcgatccaag agttaggtgg 480
atcagagtat caacagagag aatgacgcac ggtccggta ttgactgcac ggagccaacc 540
gtgtccttta ctagatgtta aaaatggcag acagtatccc tcacgagggg cattactagt 600

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<210> 6170
 <211> 516
 <212> DNA
 <213> Aspergillus nidulans

<400> 6170

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gagcaccaaaa gccactgggt gagaaacgaa cgccctcgac gcccgtcgtc tggacaggcc 120
gctacggtac aggtcctcaa acctcacagg gactggtgac caccttggtg cttcagttcc 180
ctatattttcg gacagtagac ggcattctgag cagcgaacca ggactcgata gaccagaaga 240
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gcttgccagg gcgattgaat gccccggga gtctgagcat gagcaggggg gcaatattgc 360
agcaatagtg atactccgga cgcccaactt tcagacgcgg acccaaactc aggaccagaa 420
tcaggaccag gagcagaacc agggccaagg cggatggaca gcaaggccac ctctcgctgc 480
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<210> 6171
 <211> 475
 <212> DNA
 <213> Aspergillus nidulans

<400> 6171

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gctggtgata gtgatagtga cgaagagggg ccaggaagtc aattacgggg ggatctaggg 180
ctggggtaat tgaaataagc tcaaaatgtt gagcggaaat gccatccatg ttgaaaaatg 240
gcttgatgtg attgatgtac atacataata cgagtaaccc taccacatgg aactgatgt 300
tgtaatgcgc cgctaaatat gctccaaaca gtaatatatc atcgccttgt gcaatgagga 360
gcgccttcta acgccttctg aactcctgta atccgtataa tcatccgacg agggccagct 420
tcagccacga acgcgggaaa cgccaacggc atatctatca gtggtatctc aaata 475
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<210> 6172
 <211> 677
 <212> DNA
 <213> Aspergillus nidulans

<400> 6172

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cctcatcttc atatgatgtc caaatctcct gctcgttcag gataccctga gagagcgcg 180
cactcttctg gaacacaaag agtgcataca acaactgctt cgagtcaaga tttccctctt 240
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attctgtgat tgagtggagg gctaggggat tgcgcttttt cgaggttagc atatttgag 600
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gccagaaggc acaggat 677

<210> 6173

<211> 553

<212> DNA

<213> *Aspergillus nidulans*

<400> 6173

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gcagtcggag aaactaaaat cttcattctt ctactgttg aaactagcgc tagatgagga 180
aaatgaccag accgaatatg tctttgggtc gttcatttat tgtctcattg agcgtactag 240
catcctccag gtaccctcta agctgtataa acaaggggac gctggcttga ggcttatgtc 300
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acctgggaca actacctttt taattgtcga gattgccttg aggttggtcg tctttactcc 420
agttacactg tgacagtcaa catagataat gcacggtctc aaccatggtc tcaacagact 480
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<210> 6174
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 6174

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gactcagctt gttatgcgct gcagttcatc ttccactact cccaacagca cgaatcaaac 180
tttggagatg aatcgatcct ggactgtccc tccatgagag gtccagaaat ccagatacga 240
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cagtcagtga actattaatc ctatgagaag agggtcggac tgccgtctat cctgttcgtg 480
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<210> 6175
 <211> 750
 <212> DNA
 <213> Aspergillus nidulans

<400> 6175

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gcactgttcg acgacggcgg tctagccacg aatgaggtat atccagtcga gccgcggttt 600
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tctcagcggc ggcagagggg atgtatgtga atcattccag ttcctcattc gtagcgacgc 660
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<210> 6176
 <211> 448
 <212> DNA
 <213> Aspergillus nidulans

<400> 6176

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<210> 6177
 <211> 453
 <212> DNA
 <213> Aspergillus nidulans

<400> 6177

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<210> 6178
 <211> 417
 <212> DNA
 <213> Aspergillus nidulans

<400> 6178

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tgtttgtcgg gagccttgcc ctggcgggtga tgagttcgcc tgcgctgcga gcaacaggct 300
ccctgatgcc ggaaggtttc ggtaggtagc atctgaggcc cgtcatgctt caccatagta 360
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<210> 6179
 <211> 846
 <212> DNA
 <213> Aspergillus nidulans

<400> 6179

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ctcacagagg ctgaggcggc agcgggtatat gcctgtcgtg agtattatca ggttggttgg 180
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cgggagatcc tcaacttttg ttatacacc ctgagtcgtc cttgattttg ccctgggctt 420
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ttttatcccc tcctatatct tctcctccct ttatcaatct tatatTTTTT tccctaatta 780
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 ttaccc 846

<210> 6180
 <211> 528
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6180

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<210> 6181
 <211> 592
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6181

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tgtagatgca gaccaataaa ggagcctaag acccccagga acgcatcgta cgtggccgta 540
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<210> 6182
<211> 379
<212> DNA
<213> Aspergillus nidulans

<400> 6182

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cggcgggttat atcatgccaa gccgctaccc ccgatcagta tgtccgaccc cgaccccgaa 180
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atatagaggt cgttttgaca ggtagtggac tgggttgagc cacggatttg ctactctctt 360
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<210> 6183
<211> 889
<212> DNA
<213> Aspergillus nidulans

<400> 6183

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 acagctgctg atcagctgga acagaagttg cctatctgtc aattcagctg ccattattat 840
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<210> 6184
 <211> 453
 <212> DNA
 <213> Aspergillus nidulans

<400> 6184
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<210> 6185
 <211> 546
 <212> DNA
 <213> Aspergillus nidulans

<400> 6185
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 tggaacaaaa ccaaggacct cgcggtgatg atatgtgttc tggatttggg aacaatcagt 180
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<210> 6186
 <211> 820
 <212> DNA
 <213> Aspergillus nidulans

<400> 6186

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gcgggagatg cgtgaatata tcttcccga ggtgctggat gcttacgtta agggagatat	180
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acagatcacc acagcaggtc tgaagtcgga tggcgtatc cttgatatcc gcggagttga	300
tgatcatgagc gcccgatatgc tggaccccg tgatatcccc gttttcgtgg ttatgtgtcg	360
cacgcaagaa gtccatgttt acagaaacgt caaaacaaat gagctcgccg ctgggatgga	420
ggacaagggt cagttgggta actatgtcat gggcttcacc cgaatccctg aagatgtgaa	480
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gatgacatac taccacagcc tttttttccg gactccctcc cattactcca cttctcgaat	660
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ttcatgttat gtttttagtaa ccgttcggta tgggtatctt tccatgattc ttgattatat	780
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<210> 6187
 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

<400> 6187

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cctattagac ttcgaaaacg accaagcga cgcctaatcc catcccgaca atgccgcctt 180
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tcttacaggc acaatttcac aatggctctc gaacaacgac aaggagcact tcaagtacga 480
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gc 542

<210> 6188

<211> 840

<212> DNA

<213> *Aspergillus nidulans*

<400> 6188

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tggaatatata atgggggggaa gagaaataac aaaggccctt tttttaaaaa ttggcccccc 180
cccgggggga aaggggaata aggggttccaa acccccccaa acctttttaga tttttaccgg 240
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tccagcggtg ggagaatgct tggcattctc taagggttta gcgtgggtta aacttgtagc 360
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aaggacattg atctgcgact gcagttgacc aacatagttc atagtacata ggcaacgtga 540
ctgccagatg ctaaagaagc tgctgatcta accaacgaag tcaggtgccg tttattacca 600
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gcatatgctg tttgttgtga cttgaaaatg cgctgctaca tagtcagccc agctatgcat 780
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<210> 6189
 <211> 484
 <212> DNA
 <213> Aspergillus nidulans

<400> 6189

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 ctaatggttt cttagtecta ggatcgttta cacaacgcgt ccgtgggctg tttgcggacg 180
 ttaagctgac agtcgcaatg cttagttcat tgtaatgttc cgcgcgcgtt tccacgaagt 240
 attcccacga tcaacaccac acttcggggc acaggacatc gaacgaggcg tgtcgggaatc 300
 tccccaggt gaccacattg aaagactttt gtgtgcattg cttggactgg tattgaatag 360
 gaagaaggac gtggagtaag ctaccatata tgtttctgc catacctctg ggccgatggg 420
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 tgtg 484

<210> 6190
 <211> 504
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6190

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 aggactcaga cgatttgcct ccgcatttat gtgcttatct acttcccctg ttcggtgtcg 180
 tgacagcgtc atggaacgca gactcatata tcgagacaca gacgcataca tcatctccac 240
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 gcctgaagat cggttccgtt ttggaatccg gacagagaac acccattttt aaataagggt 360
 cgcagatgct tgccgcgcag agcttcgtca gaagaatcca ggccaagacg gagaagttgt 420
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ccacccccac tgccaccaga aggg

504

<210> 6191
<211> 891
<212> DNA
<213> Aspergillus nidulans

<400> 6191

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taagagtatt tgaaaaataa ttaaatgata agtacagacg tggagaaaat taatagggaa 180
aattaaagag gaataacaat agagaactta gaaagatatg aacttaaaat tactaaatac 240
caaaaattga gaggaacaaa aaaatttcgc aagaagattt caaataaaaa ctaatcaatc 300
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accaaacaat ccaaaaaccg gtggatttga ggacaaaagg tatttcaaaa tcaaatcccg 420
ggctctccac aaaagacata aacaaaacca ttctctcat cgaacggtca tgaatcatag 480
gatccatggg atttctatat ggatcaatcg tacctaattgc ttgtgctaga aaagagaaaa 540
gcaacgcata attctcaagc gtatacgtaa tacctcaacc gctcgtcggg gccatcctct 600
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ctggcgagtc agatagatga cccttagaat gagagtgacc actactgcat tttcttggcg 720
ttcggattcg ggttgttgtt atccccgagt ccgacctcga aacgtgcact gtgactatgc 780
agagcaggcg gacaggcggg agacgcgggt actggtgccc tgcttgaagt agacaggtta 840
taccgtccta ggaatatgtg ctcaattctc ttccgagaca agactcaaga t 891

<210> 6192
<211> 462
<212> DNA
<213> Aspergillus nidulans

<400> 6192

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ccacatccca agcatgacca tggcccccggt ctttgttgggt ctggtgaccg tcctgtcgag 180

tctcgtcggc gctgggtgttg tctttttcta aattgataga agctagtttg tcttatcgca 240
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 cggaccatcg taccctcaca aggccaccac agttgtacag ttggatggta cctttgtag 360
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 ccgcagccat cctgggattt tggtataacg gcagaataga at 462

<210> 6193
 <211> 504
 <212> DNA
 <213> Aspergillus nidulans

<400> 6193
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 agaattagct agattcagct atctataaag catgccaata gacctacagg tgtctttaaa 180
 aagaaatttg acattgcttt ggagaaaaaa aatcactaat ggtaaatgat gattctataa 240
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 attttttagt gtgtgaatca tattttgtta gttttttaga aagtctttga ggaacgtatc 360
 tggcaggtct tttgcttttt atctacctaa cctatgggta ctctttcttt cctctgacct 420
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 tgcattgcaa gtgtatgatt gatg 504

<210> 6194
 <211> 629
 <212> DNA
 <213> Aspergillus nidulans

<400> 6194
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 acagggatat ggtgcggaac ccgaacctac tctgggcgct gcactcgtat acccggaat 540
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 agatggtgca acgctgcttc aacatttgt 629

<210> 6195
 <211> 528
 <212> DNA
 <213> Aspergillus nidulans

<400> 6195

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 tatgtggagg ctattgagtc tttagaagag gatagccctc gtctcaagaa ggaagagcgc 180
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 ggcgctgacc agctctctct ccgccgcggt gtcgatgctg tcgaagaaag tgagtctatc 480
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<210> 6196
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans

<400> 6196

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tctttcatac ctcccgctg atgcgaacgc gatgatgagc ttctcgagct tgttttccgg 300
acgtacgcca tccgttcagt cgacgtggcc gtatccaaca gcctgcaagt ccttcgcca 360
ccgggactcg tgagtgcgg cgtgggtgcg g 391

<210> 6197
<211> 708
<212> DNA
<213> Aspergillus nidulans

<400> 6197

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<210> 6198
<211> 691
<212> DNA
<213> Aspergillus nidulans

<400> 6198

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<210> 6199
 <211> 803
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6199

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<210> 6200
 <211> 616
 <212> DNA
 <213> Aspergillus nidulans

<400> 6200

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aaatagccac aacgtg 616
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<210> 6201
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6201

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ataagagaaa cgcatatcct ttatagtata cccgatggaa cgctagccta cggctggagc 420
tccaçacac aggcggagct gaaccgatgc taagggctag taatgctcat gatgctggaa 480
cgctgtttta aactgggggt atacatatgc gtaccccgat gtgcctgact tggctctaaa 540
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<210> 6202
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<212> DNA
<213> Aspergillus nidulans
<400> 6202

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cccagtttga agataagatt gtgaacgtct tctttcctcg actttctgct catgttaacg 420
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<210> 6203
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<212> DNA
<213> Aspergillus nidulans
<400> 6203

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<210> 6204
 <211> 456
 <212> DNA
 <213> Aspergillus nidulans

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<210> 6205
 <211> 489
 <212> DNA
 <213> Aspergillus nidulans

<400> 6205
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gtggctaacc gcgttggctt ggggccataa cagcacatca tcaaacgcac caacacccaa 180
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 cggatttcgg ttacgttcat ctccgagctg cgcatataat atttccataa tgcacccccgc 420
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<210> 6206
 <211> 239
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6206

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 tccatgtttg catagcgcag gtaaggacca aaatatactt cgttagtcgg cgctaccttg 180
 tacaattcca cgccactact tggggggggg ccactaaacc ccgcgacagc tggtgactg 239

<210> 6207
 <211> 805
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6207

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 aggggcctag aggacgtagc catggagaga aggggtgttc tctatacttg gtcaaaaaat 180
 atataccaac agaagctgta cgtacgtacg taccaaaaca gtgacgcctt tccacacgaa 240
 cccagcagac caagcaactc gacaacttga atagtatcag aaaaaacacc attacattca 300
 actcgaatcg aaaacaagca caacgcgacc aatcacccaa aaaagcaaac aaaacccaaa 360
 ccagtccaag cccaagcgag aagcaagctg aactcagccg atctagacta ccaaaactac 420

ctgaatttgc aagatccata cattgcatga cgcgtataga taccacccgc gccagagcca 480
gaccacaaca attagcaaaa cgccagtgtg atgactccaa ttgacaaggt gaatctgaca 540
taaaaccaaa cggaaccaa aactcgacgt acccccttgt aactgtagca cgctgatgta 600
caccgctcac cctttttgaa gaaaggctga tcccggggca actgtctacc tactcaggat 660
agcctcatat catgtttccg acaactccca tagcggaacc aggntaggac tcccgggtac 720
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tccagaagtg gaaaaccgtg ccgca 805

<210> 6208
<211> 566
<212> DNA
<213> Aspergillus nidulans

<400> 6208
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cccatcttc ccaccttcat caagagatgc gcttccaagg ccaggatttg aaggcgggct 180
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gccagatata ttgatagtcc ctagcatgct gccgccgttt gtcaaggatg gatcctcaat 300
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cggacaaggg tagatataat ctggatatga aagatcgtat tgtaaattta ggaagaggcg 540
tcacgtgtaa taatgatatg ataatg 566

<210> 6209
<211> 454
<212> DNA
<213> Aspergillus nidulans

<400> 6209
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ttttgtcgtc caggctaggg tagatcgcg gcggcgtgga cggcatactt gactaggctt 180
 gttatgggtc tgaagtgtgt gtttgagaat ggatcgtgta gcgaaaagac atgatgatgg 240
 cagcgttttt atatagccgg ggcgggggtt atatcggaga ttctccgtgt gattcagcat 300
 acatcacaca ttgggcgagg cagcaatgat acgtaggcaa attgattgca gcctctatta 360
 tcgctgctat atacctcctt catcttattc acatttaatt atctctatca acacgcatta 420
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<210> 6210
 <211> 684
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6210

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 aggaagagcg agcactcagt gatgttgatg cccagcgatt ccaagcctga ggaacggtag 180
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 aacagggacg tggcattcat gtagtagttc gtaccggagg cagtaaagac atactggtac 300
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 agcgagacat atgaatctgg ccatctacag gcccttgac agctgaattt cgtggccgtg 480
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 cttaccaaca cgagcaagtc gcattcttgt tcaagattcc ggctgagtcg tgcgcgattc 660
 aaaatggcgc tgacgtggtt ttca 684

<210> 6211
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6211

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cgcgattact ggacatggtc tttgtactgc agcagcagtc attgggggca gtgctattgc 180
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cttgattgcc atgtatggtt tga 443

<210> 6212
<211> 525
<212> DNA
<213> Aspergillus nidulans
<400> 6212

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tccgcctctt ccttgggcag gttcgtcagt tggtagagta gctgctcgac aaacgcccac 180
atcgtctcaa gctccgcgcc tgcttttgcc agccggtgtc gcaccacagg ctggtccatg 240
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tcgagctcga tataggtggt gcaccggtaa tctgtccaga gactttcagg cgctgcatcg 480
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<210> 6213
<211> 237
<212> DNA
<213> Aspergillus nidulans
<400> 6213

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ggatgaacta tgtttatgct gcaaagtagc ctcaacaaaa aactgactgt cgggtcaaagt 180
ccagagctac tggtagagcac aaagacgcta ctatgaaact gacctagagg ataccggt 237

<210> 6214
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 6214

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agcgtgcttt ggacgagtac tacgccgaga tcttcatggg cggccaccag accatcagct 180
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gcgttggatt gcagcccagag aatgacatga ctcttgagca caagctgttc tagaatatca 480
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<210> 6215
<211> 628
<212> DNA
<213> Aspergillus nidulans

<400> 6215

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acagcatggt tatcggcgac cgtccgcca ctcggaggac aatctctctc cggtccttctc 180
cgtcgcagac gaggggggcta tgcgggaaac tgtattgcac gaactggcag aagaagacga 240
cattccgcaa tcgagagagt ccgcacgacg cagtgagcgt gggttatccga acggacccat 300
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gttcgatgtc gtcgtcaacg tggctaagga agttatgaat ccgttcagca agacggccga 420

taactcccaa actgtgatga gcactttgcg caatgggact gtcgattcca aacaacagtc 480
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<210> 6216
 <211> 1002
 <212> DNA
 <213> Aspergillus nidulans

<400> 6216

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 aaaaatttgg gaatttttgc attcaaagcc ccaagcagag cacagttttc ttaaataaat 180
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 aataattata ccctcttata gagaaaaatc tcacgaagac agtgcagcaa ttttgacctt 360
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<210> 6217
 <211> 642
 <212> DNA

<213> Aspergillus nidulans

<400> 6217

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tcgttcgccg gcaaactgag ttcttgggat gtttctggt tggcctgcca gactgtggtc 600
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<210> 6218

<211> 604

<212> DNA

<213> Aspergillus nidulans

<400> 6218

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tgccatgcga ccgccagtgg ttcgatcatg gccatggatt ccggcgtaac attatcagga 180
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604

<210> 6219
<211> 535
<212> DNA
<213> Aspergillus nidulans

<400> 6219

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<210> 6220
<211> 586
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6220

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acgactgagc acccaattcc tttggctgag ttgatgacta tattattgtt ttcagtcag 180
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cgtgcggtc cgggggccgc tgcggaaacg gggccccgaa caggcacgct ctgcgtngaa 540

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<210> 6221
 <211> 811
 <212> DNA
 <213> Aspergillus nidulans

<400> 6221

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<210> 6222
 <211> 526
 <212> DNA
 <213> Aspergillus nidulans

<400> 6222

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<210> 6223
<211> 208
<212> DNA
<213> Aspergillus nidulans

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tcaggctgct gaaccgctgt aagcgggtg 208

<210> 6224
<211> 729
<212> DNA
<213> Aspergillus nidulans

<400> 6224
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ggcgtcgact acgtcaaggg taccggtgcg ctcggtgacg agcacaccgt caagggtcaac 180
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aagttcaaga ccggcaccaa ggttaccaag ggtgacgaca gcggtgctac tggtgctctc 600

agcgtcgagt ctgccaaggg cggcaaggag gagactttgg atgctgatgt tgttcttgtc 660
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gacgagcgg 729

<210> 6225
<211> 234
<212> DNA
<213> Aspergillus nidulans

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gggggcagga atacatctgc ggggtcccagg tccgcatgaa gcagcgaggc tatcagcgca 180
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<210> 6226
<211> 498
<212> DNA
<213> Aspergillus nidulans

<400> 6226
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<210> 6227
<211> 705
<212> DNA
<213> Aspergillus nidulans

<400> 6227

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<210> 6228

<211> 448

<212> DNA

<213> Aspergillus nidulans

<400> 6228

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gaagggtcgg gagtgtggt gcccgaga 448

<210> 6229

<211> 1340

<212> DNA
 <213> Aspergillus nidulans

<400> 6229

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<210> 6230
 <211> 483

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6230

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<210> 6231
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6231

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 atatcattgg ctaataggga cccatccacc agtagcggcg tattgcaatt accatacacc 180
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<210> 6232

<211> 237
 <212> DNA
 <213> Aspergillus nidulans

<400> 6232

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 acttgtgcga acgtacgcta tattcatacc catatccagt ccaatatcac gcgcgggctt 180
 cagaaccccc ttatgccgga ctccggagct gtacctatac ctgccgaacc ctagggg 237

<210> 6233
 <211> 435
 <212> DNA
 <213> Aspergillus nidulans

<400> 6233

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 aaggcacggt accagacgca gaaatcccca gcagactggg tccacgtcga agatgtgaca 240
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<210> 6234
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 6234

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<210> 6235
 <211> 1069
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6235

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<210> 6236
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 6236

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 cattaggcat aaaccacacc atattactag tatgaaatga cttatagaca aactactaaa 420
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 tatgtactgt acataag 557

<210> 6237
 <211> 428
 <212> DNA
 <213> Aspergillus nidulans

<400> 6237

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<210> 6238

<211> 675
 <212> DNA
 <213> Aspergillus nidulans

<400> 6238

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 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6239

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<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 6240

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<210> 6241
<211> 347
<212> DNA
<213> Aspergillus nidulans

<400> 6241

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<210> 6242
<211> 745

<212> DNA
 <213> Aspergillus nidulans

<400> 6242

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 aatatgtaac ttttcacgac tcaagcagcg aggactaccg tgcattatgg gacaaaggcc 180
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<210> 6243
 <211> 956
 <212> DNA
 <213> Aspergillus nidulans

<400> 6243

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 cgggttcgac gctaccagat tgtacagacc cacaagagct ttctgatgtg cgggatgggtg 900
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<210> 6244
 <211> 806
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6244

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 gaagggttcc ttgtgccatt ggagcaacgg taataatagc cctgtccagt ttttcccttc 180
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 cgtcaataag caaatgggac ccgttcctgc aaatggtcgc agaaggagat tcctcgtttc 300
 tcgtcacatt ggcagaggca atggttgatg aactcgcatt cccagcgtca agtttaaaat 360
 cagatcccaa atcagatcca accctcaaag gcacttacac gtggctggac catatcctgc 420
 actcgccgca gtgggagtcg caccgtcggg taatctcgct ttcttatata cgggctatct 480
 gtgaaaacag ttcgagcagg aaccactgga tgacaacgct gaaagaaagg attgtgcagg 540
 ttgaaaacgg aaagaagaaa gggaagggga aaggaagag ggaaagcaac gcgggcgatt 600
 tgctgtggt tgctcccga ggcgaggcat ctactgcagg tgattcttct ggtttgctga 660
 atataaatca ggaggatata gagacattaa gaanggttgg gtgggaaccg ctgagacgtc 720
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<210> 6245
 <211> 971
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6245

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ggctgtaagt ctgtataggc aacccttccg ctaacgataa cgccagagac tagtcccacg 180
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gaccccgctc ctgggtctgc ggcattgctag aggacgagat tgacaggtct gatattgagc 300
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ggttcagaat c 971
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<210> 6246
 <211> 684
 <212> DNA
 <213> Aspergillus nidulans

<400> 6246

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cactcccttc gaagggtagg tccggacgta gggactgtcg gctgcagcga gggtcagata 180
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 ttgatctatg gctacattga aaacacgcag ttgaccaaag tcctcttccg tcagggcttg 300
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 tgatcacaga catagagtaa ataccagagc tgggctcttt cgtactggtc gctgtggtcg 540
 atgatcatct tctggtaact ctggtggagg cccagctgcg gagctattcg taccgcatgg 600
 cagcagaggt ttcagctcag cttcgacaga cgaaacgccc cgacacagag cgctcggacg 660
 ttattcaaga gatgggcacg ggta 684

<210> 6247
 <211> 671
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6247
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 gccggtcagg ttgccagcc atttcacgtt actgacggac gccgcaggtg aagcggctcc 180
 gcattaggga attacaatat gatggagtat gttatatatg catagaaacc atgatcggac 240
 cgcgataatc ctggactaca gagtagaggg tgctgacgtc gcggcgcaag ctgagatact 300
 tggctacagc tgcaaactat acaaacaatg caaactcagg agcacgtgat catagacaga 360
 gttaccagc tcacaggcca cggttcgtcc cgtctcctcc aagcttccag cggaaccagt 420
 tcatgggaca atgtcccaca aagcttagaa atcaatgcaa cgcaacaggc actgagacaa 480
 tgtgacagtg cgtcatgagg atagatcttc tcgaccttta cgagaaatca cgatgcctgg 540
 aaatgcttta aaaaggactg gcactcgggt tctcgcggaa acgtatagtc gccagctagc 600
 tttgagcttc gggatatcga cttatagaga agatctactt agtgatactg gccaacgac 660
 gatagcatga a 671

<210> 6248
 <211> 673
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6248

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gaagattcct cgtaaacttc ccatcttaaa gctggggcta aggtaatgaa tgggtgcttac 180
tctgaagtcc gctggcagat agcctcgagg gcctctcgct ctgcgcttac gtagccgggg 240
tcaggctggt tggcttggtt gttgtggttt agtgcgccat agctatagcc gggttggtag 300
atgtcatctt cgagtagccg tgatgattct ggctggagtt ggggatattt atgttagcgc 360
cgatttctat gatttgagct ctgcgatcc cggcagctta gccaccagac cacaccaccg 420
cgaaaggccg ggctcggaga caggcacgga taactcacat cggtagtgc tcgacgacca 480
ccaccaagac aagaagagca gacaccatt tatagcgttg ttgagcgagt caatcgtgga 540
gaagaatgcg cagagacat ccaattattc aaggcggtt ggaagagaat ccggtatgat 600
aacaacaatc cgcttcgggc cgggaggtga aagataggtg aggactgatg tgatatctca 660
anaaaatcga aga 673

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<210> 6249
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans

<400> 6249

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accgtagttg ggttcattcc ttggattcat cagataagcc cgacttgacg cgaccaatga 180
cttgagaaat ttcatacatt gttcaagttt ccatgcaacg aaccgacaac ctagactgct 240
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ctcatccacg gcttgggagt gacagcataa cagaaataa tccgcacttc cgtgaagcct 360
aatggcagca ttaggcttta tggtatctca tacggggacc aaattgtagc aaaagagatt 420

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gtactccatt gatgatgatt gaatctgagg acaatagctc tgagcgtgtc agatatatat 480
 aaatggaggc gggcgtgaaa tcgggcggtc tggaaattcg ctgcagtaat cgacgagtcg 540
 taccattgta ggtaagagac agacattaaa ctt 573

<210> 6250
 <211> 388
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6250

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 acgagaagaa gcctaaaaaa gtgccaccag ctgacacgag agcccaacag gaacaaacaa 120
 cacgangcaa cgacacatct gatgaacaaa agagccggac aaggcgaaac cggaaagctc 180
 agacgccccg tcgggacagc cgagaaaagcg aaagaagggc aaggacacga cccggatgaa 240
 caagacagcc ggggaaaggg gagggaaatc gctgcctggg gcagaaaagc tatggagaaa 300
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 cgcaattgca aaaaaggag ctgaaaag 388

<210> 6251
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6251

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 agaatgtcct cttcttcgac cccatttccc cgggcaaact cgtcaatctg gcttcgcgtt 180
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 tcgtcaacag cgatggaggt gctataacct gcatatttat cggcaccttc acgatcgtag 300
 agggttgtat cgaatgattc ggtcaaggag gcctttgtcg agttgtcagt gcgctggta 360
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 agctttcgga cagcgtcgaa atccgctgca gccattatta gcgaagcttg cgatgatttc 480

agaattggag tcttaccgtc agacatgttg tcgaaggaaa agagctaaag acgcgatgta 540
gagcaagcaa cctcgggaaa aaacagtagc tgccgctaca tccggataaa aagacgtaag 600
ataaacgcca cggcgatggg ttggagtcag gaggtgggtat ctgaggggtgc accgngacgt 660
gaaaaaggat gaagtcaaga caaagtagat gact 694

<210> 6252
<211> 603
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6252

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caggggtctt ctgtcgttca aagagtcgag taatctctca atgacatcct atccggttaa 420
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acgctgataa cgagaatcga ggctgggtgan cgacaacatt gggttagcga ctgttngaca 540
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caa 603

<210> 6253
<211> 488
<212> DNA
<213> Aspergillus nidulans
<400> 6253

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atcctaccag acgagcagct gtacaggcag cctgagggga cctggcgctg gcggtgtgct 180
gtctgggtcat gtaggggtgc tcaggacagc taccaggctg ggcaaggaca caacagggaa 240

gcttgtgctc gcgattgcgg aatctccatc ggatggagta cagatattga tggatttgta 300
 cgctggcggc gaacgactgg tgtacggtgc atagatctgt gtacagagat gatgtggact 360
 ctgccgctaa aggtctgcat gctagggggg gacattgccg ctgggctgat gggatgtacg 420
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 agacctta 488

<210> 6254
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans

<400> 6254
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 aaaagatctt actcagctta agttttgtga aacgacttga tatctaggct cgtcagggtta 180
 tctgacttta agatctcaga agaaaacaaa tgaaggagga gtaagtgtga gtaggggttg 240
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 cttctcctac atcgtcttca ttctctcggt ttctcaactc tcttaactaa tcacctactt 480
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 cttctactc tctactccta ccttctctac tctcatcctc tctctcatc ccttattcac 660
 atacctgtta ctatctcctc tggcctctca catctatcct ttcctttcat cctccttcta 720
 tcactttaca tcttccttct cttcctttcc catcccttc taat 764

<210> 6255
 <211> 637
 <212> DNA
 <213> Aspergillus nidulans

<400> 6255
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gatatctcgt tgggcgtcag gcttctagcc cgtcggatcat tgagtgcgagc tggctcgagg 180
aatgattgct tgaccctcgt tcctgaagct ccggtagatg aggtcattac caacagcagt 240
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gacacctgca atgcgctcgg ttacaacggt taaaatatcc tgcgacactt ccgccaagga 360
cttcccagca tcaattattc gaatatcggg agcgcgctga aggtcgaaga tggatttgaa 420
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acgctttgca gcctcttcgg gagatatgct gaggaacaga catagatccg gctttggtaa 540
accaacttcc ggttgccatg cccataccag tgaaagagaa ggattggcct tcgcagccga 600
gtagacatgc accagagtct ctgtatacta ccgtcgc 637

<210> 6256
<211> 522
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6256

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ggtgaatgcg cacaagcggg tgaacggtgt cgacggggtc ttacgcacc aagccaccag 180
taaggcgggc atggttgatc atcttcgcgg acgagtggac tgcgcttaga gtgtcgagcc 240
acgagcagag ggtagcggac aaacgcctgt actgcagcgt tagctctgca tatacgggac 300
tttgcacgaa aaatacttag gcagactcac ttataagcca aatcggtcgc agcaaaaacc 360
gtatgcctc caactttggg tccttcaagg agtcccaaca tgacatagcc aggcggttga 420
atttcatagc tcacatcttg atgccaaagg gtggtgagtt gtggcgctgt tccaaaaagc 480
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<210> 6257
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 6257

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attccgccga gttttctctg atcccaggaa gccggagacc cgctctggaa gggattgtcg 180
tccgtaaaaa cactttcgct cttaggctct gccttgaatt ccatgtcccg agactctacc 240
tgcgtggggg tcagatctct tcgatgtcta ttcgaggtgg atggacgagg cgtgactgta 300
ttagaaggca caggagtcgt aagatgctca tcagtaggtt ctgcttctgt cttttgcgac 360
cgccgtgatc tggtagtctt tctgaacgac ggagtggcgg taacactagc ctcctttgta 420
tcaacagttg atgcgcgtgc gctggcttta gaccgacctc ttcgcccgtc agtagacacc 480
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aggagttttc tcgcctgagg aagaacctca tcttcagaa tgcggataag ctgggccttt 660
ttggccgatg cgggatacgg tacgtcgtga ctgacgagga tagagcgaag acgtggcaca 720
gtcagagaat tcaggtcgaa gtccggagac aaataatcga aaacgtcgga cattgtcgag 780
gacacgatga ccacagtaag aggc 804

<210> 6258

<211> 712

<212> DNA

<213> Aspergillus nidulans

<400> 6258

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cactactggac gatatcagga cggatgggag agttgaaaac agccggcagg gggcaagtag 120
ccccggtggg cttgccctca ccggaggcga tagagactgt aggacgagag gccattgttg 180
tcgacgtgag gctggttgct gtcttttcgag gttgcggatc aaagtcgctc acgaagttgg 240
tcgaaatttt cgcttagttg atccatcgcc cggcgtctgt gcggcaaagc cctagccctg 300
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gtggataatt tagataagtc gattacacac gtggtagtgc tgggcgaagt ctccaagctc 480

ggggcaccct gctgttcgtg gcggtattcat gatctcctcg ggtggctgtg ggtgacaact 540
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 gttatatgag attgagtttc cttgagcgag cccgtttgtt gcatgaaagg tgggggctcg 660
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<210> 6259
 <211> 569
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6259

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 taaggcacat ggaagtcaca gttgcaagga gcgctctggc gtcaatggc gcaagggcag 180
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 gttaacacag actgatcaga ggaacacagg ccagaagctt gctatacctt tgcagggttac 360
 cttgcgagca ggaacactat ggaaaattac agactaggtta ccccttttac gacttgatgc 420
 actcattact gcatgatgct agccaggagc acacttgata cttcgatgac caacataaaa 480
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 ttagaaacag ctagaacacc tgcataagg 569

<210> 6260
 <211> 523
 <212> DNA
 <213> Aspergillus nidulans

 <400> 6260

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 ccaaagccgg agaacaagcg caacgcgtct ggacagcagc agcagcccc gcaaccacag 120
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 cctccagagc aaccaccatc gccctacccc tcgcagcaat atcaacaacc tcgtccta 240
 atgccgcctc ccgggctaga tgagcccggc ttcgccccga atgccttccc gacgcagcag 300

tacattgagc aatccccgctg gtatgacagg cttcttgacg tctcctcgg tgaagatgaa 360
acacagccga agaaccgaat cgtcctgata tgtgctgcgt gtcggctcgt caacggccaa 420
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atggaacggc gaggatagcg ctgccccaaa agtgctggca gat 523

<210> 6261
<211> 612
<212> DNA
<213> Aspergillus nidulans

<400> 6261

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cggatatgcg gtgcgcccgg tgtaggaag acgtctggga cgggatcgta gtgccagagg 180
ccgccgactc gatcacggcg ctcaaatacg cgaattctgc tgaaggttcc ttcatacaacg 240
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cggggagcca ttattcctca atcttcggtt ggggaaggctt gaggatattg ctggcgcgta 360
atatattgct gaagattatt taaggctcgc aacgcgagtc aagtgttgcg tggatcatgta 420
tgccccaaa aataatgtgt cgaatgcaag gctggaagcc gtgaaggccc aataggccaa 480
atcacctgag aactgaaaag gcacacaaaa gcctcaatta accggcaaag gactaaataa 540
caacggaccg tataaaatag cctccaatgt ccaaactcctt cagaactttg atgaccacta 600
cctaaaggcc cc 612

<210> 6262
<211> 494
<212> DNA
<213> Aspergillus nidulans

<400> 6262

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aaccggcagg caaactggac acaatcgaag ggagatgcta cggacacaca gcgactaaag 180
gcaacgcggg gcgcttcaat tgaggaagga gctgccccga cgagctatga ccgacgcctg 240

acatctgtgt taagacacag aaggaacgac ctaagaaggg ccgtaccata gaaaccagtg 300
 ggcccgtatt gccttacagg cctgtggac tgcctaacca gcaaggcacc attatatgca 360
 tcttcgagat cacaaatcca ggccaaacag gcagcccaat gataggctgg atcaggcccc 420
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 ggaactgcaa atat 494

<210> 6263
 <211> 588
 <212> DNA
 <213> Aspergillus nidulans

<400> 6263
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 accaggaggt acatcatagc ttgcgatgca catttttagc cagtatcaaa catctagagt 180
 ataacagaca tagccccata catccagcga ctataccctt aaacaccatc tgcgccctat 240
 tacacatcat aatgcaatag gacgccgaca taaaaaccct ctacaaacaa gctggccgcc 300
 tccaagtgat aatatgtggg cccaaaagat gacgaaaatc aactgtaggt cagtacctac 360
 tgaatcacct ccttagacca gcacctcaac ctgaattgaa ctacactaac accgacggaa 420
 tcgacttact agaccttgac caccggacagg ctgaattatt gccaatgggc caagtctatc 480
 tagctcactt acgcttcaat gttctcagtc tgtcattcaa gcacctttct ttgaataaccg 540
 agcgcgaaag gacaatcatt tccccacacc atattatggc tacattcc 588

<210> 6264
 <211> 625
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6264

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 aaggagcatc tgttcaccac caaagttttg gtttaaccgg tttctttaag ggaggcagcc 180

aagaggggga aattgtcggc ggatggaccc cccttaatcc aacggccggt gaaaataacc 240
gggtccggtc aaccttaaat ggctcgggtg ggggtaatng ccggggccatc ttcaaggacc 300
cgctatggcg ttgatcaccc ggagataacc tgggattccg ttagccaacc cccgttttaa 360
ttcaatctac ttttattttt aatccgaccg ttactggtat tttgttttta atctatatatt 420
ttaattttta ttcactattc ttttatatcg ttatttttta tttcccttct tcccttttcc 480
ttttctcctt tctactttct tttactattt ttttttttta tttcacctgg ttttttttct 540
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tggtcttttt ttcattatta tttaa 625

<210> 6265
<211> 979
<212> DNA
<213> Aspergillus nidulans

<400> 6265

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tgctgagggg cgagaatgat tagggatttg atgttaaaag gtcaggggaa aaaccagtgg 180
gaaaaattga gacaatgggt gattaaggaa gtggtaggag ctatttgtca agactgaggg 240
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gcggtctgca tagagaagtg gttttttccc gagctttgca aggggttaga tgaaaagagg 420
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gtataatggg acgcgaggag acgctaaaat aagtgggaac ccgtcagaat gagaagaatt 540
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 tgcaatgcaa gaacggggg 979

<210> 6266
 <211> 705
 <212> DNA
 <213> Aspergillus nidulans

<400> 6266

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 aagttcaact ccgaaagtgc ctacgagtgg aacggtaaa actttactac agacaagaag 180
 aaagacatcg gaatccactg gattaaccct gcgaagcgtg agaggaaaga gcagttctac 240
 tccatagaca aatactaccg ccaggccctg gctactgggtg gacgaacggc tgatccaaaa 300
 cctaaagtgc ctcgagcacc gaagcagatc gctattcacg actggcagtt ctccctcct 360
 ggctccaag agcttcaaga caaggaaacg gcctatttcc ataaagaaat cggttacaaa 420
 gttcctcttc ccgatggacc tgaggaactc acacaccgtg aggcggaacg tgacctcgag 480
 caggctatga ttgacaatgc ggcgcctctg actgaagcgg aacaggcgga gaaaacgaag 540
 ctatcagagc aagggttttc agattggaac cgtcgtgatt tccagcagtt catcaacgga 600
 tctgcaaact tcggtcgac agactacgcc ggcatcgta ctgaagtaga cagcaaggac 660
 ccaaagcagg tcgaggagta cgccaatgtg ttctggatgc gttac 705

<210> 6267
 <211> 966
 <212> DNA
 <213> Aspergillus nidulans

<400> 6267

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 agaaaaacac tgctgtgccg gttcagttta aaagaaatcc agccagtccc gggggttctc 180
 ctgctgtgcg actgttagct cccaatttc actttagcgg gtaggacaaa aatccacctt 240
 agggttgacg agccctttat acaatcataa ttatttggca tacattgtga caggtatagc 300

ccatgactcg cggttaaattc gaaatccatc actaaacagg tattaggtac tcggcaggta 360
tcattaactt cactcgaata tcaaaagaca agccacaaaa tctacttgta tatctgttag 420
ccgaagtctt ctgcattctt gtgcggcagg aaacgtcgca ggcgcccggt gctaattgtt 480
ggcttggttg gttattaagg gcctgggctg gatgaagtct ttgtcagact tgttgttttc 540
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gtcatgatgg tggttttgtt gtgtcagata atctctgcac gtgaaggctt aagctaggaa 660
agaactccac ccagtgtaa gcactctcag gctgatcccc cacagcctca cagcccaaatt 720
ctcctttggg tatggagcca cgctagttaa tccttaccaa agtgtgggag cgggcgagat 780
caaccgccga ccggagactt ggcggttggt ctgaccagcc actggcatcc cgccagctt 840
ctttttccta actgccccag ggacaagcca gcagtccaca cttatacaa aggttttatg 900
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acagac 966

<210> 6268
<211> 216
<212> DNA
<213> Aspergillus nidulans

<400> 6268
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attcttgat tttagggcct tcttgtaggc tcaatttcta tttacatac ccagcgacg 120
ccccagccg tcgcagaatt ttattgcaca tatcatacat cattgtaatc agaaacacgt 180
ttcactagtt gacttggtggc gttgttcata ctacgc 216

<210> 6269
<211> 580
<212> DNA
<213> Aspergillus nidulans

<400> 6269
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gacggtttat ggttccttct tgcgttgga tgaggcgtct gtttcagtct cgccgtcttg 120
gtctgagacg cagatggccg agtcgcggt ctcggactgc gactctgaaa atgagagcgg 180

cggtaggggc ccgtagggct ttccgtcctg gatttcgagt ttctttcgta gaattgcctc 240
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 gtctctgagg acttttattt tggcggcgtg gagttgagac atggacttcg taatcgtggt 480
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<210> 6270
 <211> 498
 <212> DNA
 <213> Aspergillus nidulans

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 ccgccacttt ctttcaagga tccaaccag acagtaaagg cgggatttct acaaaaggat 120
 catgatgtct gccctgctcg agcttgcgaa gacatcgta aatgcgatcg actttggagt 180
 gaccacgagg tgccgagcag caccaggcta gcaccacagg cctgtgagga gaggatcacg 240
 atgatgaggc tggtgaggat tgaaagggaa cagaaagaac tgaaatgctt ggggaaacaa 300
 aaactactgg cggaatttca tagctaaaca gcttccgtct atctggctac ggatagaaag 360
 tcacttactt tcgaagatac aatacaccca ttgtgtccga caatgccttg ctacgcgcgg 420
 aataactctg atgcccgtt aactgcaggc cacaggaaca ggaggatgca gtcacagata 480
 ttacctacgt gctagcta 498

<210> 6271
 <211> 676
 <212> DNA
 <213> Aspergillus nidulans

<400> 6271
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 acaccttctt tagtcgttcc ttgatctctg ccaaattctc ctctcccaga ttgcgggcca 120
 gaagactctc atagtcctgc tcgagattag ccagcttctg ctccagttcc attctgcggc 180

tgctctgcag	cacgttcagt	tcgctccgat	cattcacggt	gagttccgcc	tgctcggatga	240
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ctctgcctc	ggcaatctgg	tgcaaggaat	caacgcgttg	gataagattc	tgaagcttcc	360
gctcgtgtc	agaaaacact	tctccgcca	gatcgaagcc	agccatcatt	ttagccatct	420
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cccggagact	gtccatgggt	atagcagctt	ccttgctttc	gtaggatact	ttctcgagat	600
gcaccttac	ttcttgactt	cggcattgag	ctttttgttg	tccttgcccc	atcgtgctga	660
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<210> 6272
 <211> 549
 <212> DNA
 <213> Aspergillus nidulans

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aacctgaagc	acatagccag	cagccttgta ctcgtcaaac aagttttgga aagtcggcga 180
atccatacca	tgacgggcaa	cccaggcgcc agatgcagag gtgtcccaga tgccagcata 240
gtacaccgta	ttaccaattg	aataaccatt gacgttgatc aagcggatc cgtccttgag 300
ataagtgtcg	aacttcttct	ggatttcgcg cgcggtcac ttcgcccacg cccaccaggc 360
ggctccgctg	ttgatcttct	cccacagtgc cgcaaagcgc gcctcgccat tcaccttgta 420
cgcactgaca	tgtgtcactc	tgtacccttg ctgatatag gtattcggtg tacttctgca 480
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gactgcggg		549

<210> 6273
 <211> 1042
 <212> DNA
 <213> Aspergillus nidulans

<400> 6273

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 taacgacata tcattatccc gacccttccc attccactat ttctccacca aacaacacag 180
 atgcagacgc agactaactt tccgtgatat tcgtcctaag aagcctgctc agctcccgac 240
 gcttctggcc agccaagtcc gccaccgcaa tagccttctt cgctctctga cgacaatctt 300
 catccgcaga aacgaggaag aatttgaccg cctgagaaac gcagtcgttg caagcgactg 360
 aagatcgtct tcttgacatg cagctcgagt attgaaatgt gaatccgaat tgctcactgc 420
 gggctagtag gaaggcttgg tcgaggatta actcaggggg tggaggcatc tgaggaggcg 480
 ggggatgtgc tttttgttac tatgataatg cttgggaagt aagctgatga taacggctta 540
 gcgaaggaca gtaatagggc tcttttgtga tatattcccg gaccacggt gaggaactgg 600
 gccggccctt aagactgggc ctgcaaaact taagggaac gttggggaaa ccaagaagat 660
 ggcttgacg agttcaactt tgataaatta agcccaatca gtgggggttac caggaacccg 720
 ggtggtcttt gaccagccag gttcctttgc caggatggtg tggccaagct tttattgccc 780
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 ttgggctfff tgtacgctc ctttccacct gggaattgct ttcaacctgt tcaagggtt 900
 cataagagcc agttgtgctc tttctggccc tccgcgcttg gcttctttgt gacatgtgga 960
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<210> 6274
 <211> 465
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6274

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 aggtgtctcc gcgggtccgct cctctatcgc aatcatcggg gtcacttatt cccaaatagc 180
 gctctgggtca tccattctc catctcatc caggagctcc tatgtctctt ttgggtcgaa 240
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ctccaatggg ccatgagtta cccacatatc ctccacattc aagtccttac atgaaccagc 360
tccggggatt tcccgcccc aatggtattc ctgtacttcc agggatgaac ggcacacgcc 420
caatgcccc aggtcgagga ttcctctttg atgcgcccgg ttttc 465

<210> 6275
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 6275

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tcttggtttt gcagtaggcg tagatccata gttttgttcc ttcgttacgt gattgttgac 180
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cccgaaagtc tcccgatcta gaagaggagt ttttgaatcg cgaagcgagt gatttgcttc 300
aaggctccgc ggcaaactag acagagtata aaggatatcaa catgccgttc attgacacta 360
tgtagactca cctgatagag actgtgtctg gtcttggaac ctgctagaat gctttttccc 420
tatgccatgg cattcgggtg aatcttagga aggatctgaa gtaccccggt caaattgagc 480
gaatatgaga agaataccat gtcgataaga aaatgaccac cgtcaagggtg tagatacaca 540
gaa 543

<210> 6276
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 6276

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tacacggacc ctagatcacc tgccatcaac gatgtgaagt cccgacattt gtgcagctga 180
tcgaaaaatt tagcgattgc actcggacac tctcgtcatg attagggccg ttgttcaggg 240
gccatcgatt ggccacatcc tgccgtaatt tacgattcag ggtcgagacc ctttaattctg 300
gggaaccgat atacctgaac gcggggggcaa tcagatacaa accaaccag accgctgggc 360

gtggtatgag atgcgagcat ctatgtcggg gtaccttctg aatgacaatg aatgtatttt 420
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 acaactagct tccgctccgt caagccacaa gggctctgggc agctccgcta taaatcaaaa 540
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<210> 6277
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

<400> 6277

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 cccccacggg acgaagccaa accgaccaag ggactgcata gcgcgcacaa gaggggatga 180
 tcaagcggcc aaggcacacc catgcccga cacaggcagg ggccaaccg catagaggcg 240
 caaattaaca gaggaccgga tcgaatggga ggaaaagagc gagctacacg cccacgacaa 300
 aggaagagcc aaaatcgccg ccactacgag cgcgagacat gaacaggaag gctccacagc 360
 gcgacacaga gacccgaatc ctgaagacgg aatgaaagct tcaatagccc cgaatgaaac 420
 aagcgaggaa gtgcacaaat agatgacccct ggcggtgcc aaccgtccag aaaaggcaag 480
 ccaacaagat acgtaaaca gc 502

<210> 6278
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<400> 6278

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 gcggcactact agcatggagc tcatcgaggc cggctactctg gagataccgg ctctccgggc 180
 cggagagacg ggggagatcc ccttccttc ctccttccc tccaaggcga cggcaggggg 240
 cgagacgtgg ctgaccgtct cgttcacgac aaaacacgcg acaccgggac tggatgcaaa 300
 ttatgagatc gcctgggtcc agcaccgtct tggctcaacg gccccgtctc tgcctgcgtt 360

gacgccggca gccagcttcc caatccagac tcaactccacg aaggccgacc atatcataac 420
 cggcgcagac ttcaccatca ccttctcagc cagcaccggc ctgctgacga gctggcgat 480
 ccatagcaga gagatcctcg ccgactccac atcggccgga ctgaccctgg gcttctggcg 540
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<210> 6279
 <211> 652
 <212> DNA
 <213> Aspergillus nidulans

<400> 6279

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 cgcttcgaaa tagctccctg gacagcagcc atatttgca ttctgctgat ttattagttg 180
 tcgaagaaac ggccgaggac gcggtgatag gcggtgcacc aaggttggga agtcgctcga 240
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 tttcctaate tggtcagggc aaacctcgc ttgctctccg cctacacttt tctgtttta 360
 gttatgcaa gacatcaatc ccaacaacca tgactaggca gtaaggcagt aagtgtatac 420
 ttcgagctca ctttaaaact gatcaatgaa attataggag tttcaagtac taaaatttta 480
 tgcagctact ctcaattcca ccaactaacg ctatcatttg tttcattcat cacagacatt 540
 cggccgtggc tgatagtatc acgtatatct acacaacagt atcataacgt aatgtagaag 600
 cgaagacaag acagagatct tatactgagg gtcgctggaa aaaaacaaga aa 652

<210> 6280
 <211> 561
 <212> DNA
 <213> Aspergillus nidulans

<400> 6280

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 tatttgatc ttgaatctgg gacttagtga ttactttttg cccacaccgg atgttcttgg 180
 gatgtccatt caactggaaa aacctcgag gtggctctga catacttggt aaaaatgccc 240

atccttctgc ctctcggcat cctggcggca cttacctact tgccacgatg gagcatgatg 300
 ggtgacccaa tccatattga cttgctagat gtacgttgca gtctgttagc tatagccccc 360
 tgatccttgc atgggaaact taagtgggag cactattccc tggctaacag tcaaggattt 420
 cacatcaagc ttcttggtgg tttatgccgc ccagaggaag ctgctagttc cttgagtgat 480
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 tggttatctt agcgaaaatg t 561

<210> 6281
 <211> 571
 <212> DNA
 <213> Aspergillus nidulans

<400> 6281

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 agaacgcaag acagacaaac cgactcacga acaagctgcc ctgacaccga accagctgaa 180
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 ggtaaagccc ctaagaacct cagcatgacc gaccgtggtg taccacgata catagctgtg 480
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 gacttgagta catcagccca ccgacacagg c 571

<210> 6282
 <211> 969
 <212> DNA
 <213> Aspergillus nidulans

<400> 6282

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 gaaagaggat gaggatagat gtaggagaga atgtgagaca ggagtaagag aggtaattaa 180

aggtccggag ggaagcaggg aatgaggttg acgagatggt gggaaggatg tttgtggaca 240
 agacaaagcc tggtcgagga gaaggggggc agagcaccag agagaagaag taaggtccat 300
 gataagtcaa gggctcggct aatgcatgca ggcataattgt gggggaccaa ggctgtatat 360
 ggcagttgat tctcgcaaaa aaacgacgtc acaagtccca agcgtaaagc caagttttgc 420
 caattaaagc gtgaacaatt ctattgctac tgtaatatat gcaaagtcgc gtataatctg 480
 attgtttgag agatatatca tcggaacagc cgcagtcctc caaactgcc tgcaactcaa 540
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 gccctcgcca tctcgtttat accgtcggag cgcttctctg agatgggaag ggagcagctg 660
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 aaacgcacca acagtgttcg tgtccgtgtt cgtgtctacc ggctcttggt tcaactgccg 780
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 gagccttgcc aatgctgctt gatcatgtgc ctcggcccat tccttctgca ctgtacgtgc 900
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 tggccggga 969

<210> 6283
 <211> 922
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6283

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 gatgatgcac ctggagcctc gcgcggcggc agcggtgga tgctgatct ttcttcctc 180
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 tctttgatga acaaccccat gtttgccagc atgggtcaaa acatcatgag caacctgat 300
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 gggggtggca tgccggacat ggcaagctta atgagcgacc cgaacatcgc aaatatgtaa 420
 gtcttgtcgt gctagctttc ttccggccca gagcactaat catattatag ggcgcgtaat 480
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 tgattcaact ctcaattcca cttgattgga ataacttgta acttaaattt gggtaagaaa 720
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 gtggattaac tggccaaaaa aaaaacacca ggccccagg ccaagcagat gaattttggt 840
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 gaattccttt tccaacggaa tt 922

<210> 6284
 <211> 303
 <212> DNA
 <213> Aspergillus nidulans

<400> 6284
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 ccacaggggg tcgtcactct taaaacacga cgcttgccac aaaggggaca cggactcatg 180
 ggggacaagc gtaacaccag gcggtaggta atgcctgcac tcataccccg gggtcaggcc 240
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 gcg 303

<210> 6285
 <211> 705
 <212> DNA
 <213> Aspergillus nidulans

<400> 6285
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 ccgtggtgca gcaaagctac gaggagaacg ggtttcccat tgtccacggt tgggtgttca 180
 acctgaagga tggactgctt aaggatctta atattgactt tcctgggata ttggcggaca 240
 tccaaatgat ctacaacctc accagggttc ttcatagatt atgttaagag tgcaagtggc 300
 gttctggaca cggagtagag ggcggattac tgggttcaac gcgcagagcg cttgttattt 360

tgcacagtca aattagcagt ctataattca tcgctgattt ccaacgaaac ctcgggaggg 420
 aaacattggc tggcggtgtt agaacgttat cgtgctcgga attcgacgga tcctagctcc 480
 caacaagcca tcccggtgct tgaatttccg cgtgagccgt gttatcgctg gagatctttg 540
 ggcagcacat attcaagcgc tgtaattggg tgtagagtgt cccgctatgc ccgctctgcgc 600
 tgaaataaaa tcagccgatg acgaactggg tcccaacaat ctccatacaa cggcttttcta 660
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<210> 6286
 <211> 867
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6286

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 attctagggt aagataatcc cctggaatat tgcccatggc atccaccatt aagtcaatat 180
 ctactgcttc ggctcccaag gtacagcctc cccgggctt caataaagta cggggttggt 240
 caaagtccac cggagccacc atcaccacca aatttttaac cttatccggg aatagagaag 300
 cgtaacacag gctaaatgtg cccccctgac aaactcctaa caacgtaatt ttttcttgct 360
 gggagcggtg acaaataata tcgacacagt tgttcaaata tccagacaaa taatcttcta 420
 ggggtcaacca acgatcgccc cgggagggat aacccaatc aattaaatac acgtccaaac 480
 ccagtttgag gaggttggtc accagggagc gtccttcctg caaatccacc atgtaggggc 540
 gatttaccag ggcgtaaaca attaaaaccg ggataggtaa gggattttcc accaccggtt 600
 ggaaacggta aagaataacc ttatcttcct ggtaaactgc ttctttgggg gtaaagccca 660
 cctggatgtc atcttcattc aaaccctgca aattttccaa gccagagaga aatttttcag 720
 taaaatctag ggtttcatgg agattttctt ctaacccac ctgagcaaaa aaaggcaaca 780
 taatttttaa ccaatgaacg ataaaaata gtaaaaacat tgatggtgaa ttaactatcc 840
 agcgggtcct ctacagtaac ctgcagc 867

<210> 6287
 <211> 916
 <212> DNA

<213> Aspergillus nidulans

<400> 6287

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tacttgagat acccaacctg atggcacgag gggggaaagg actgagacta acggaagcag 180
attgataatc tgatggaaga aaaaacagca cacgagggct tcattaacaa tcgtaggaag 240
cacagttgtg atgagcaggt tcacttccgt aaagcctttg aacggagtcg acggcgctca 300
gggccggacc atgtgcaaag gcaggggcaa gaacaattac aacgtctgag tcgagctcat 360
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gatatggcca gcaccgaacc ggcaacatat cgaggcggag aacggaaaac gaagaacgaa 480
cttgaccat gaaccctgta ggaacttact gtcaacccta agccagtgcg ggcgatctgg 540
ttcttagcgg cgtggatcta aaaagatgga gatatgacat tgacaagggtg gggtgaaaaa 600
gttgatgaat ggacacgcct agtatacttc tggatgaactg atagcatgac aaacagcctt 660
agagtgtatt cccgttcgac taggatcgaa gtgagatgca agaaaaaagt gacttttagg 720
ctgagaaatg cgatgcgact cgaaccctag accaatatga aatacatggg tttgacttgt 780
ttaatccagc catcgttttc tgtttgacac gatttttaggt ttgcctatgg taagcttaag 840
atcataactg aaaaacttct gaagccgaag atagtttggc ttatttttctt atccatgagt 900
gcggtttcag gtggtc 916

<210> 6288

<211> 657

<212> DNA

<213> Aspergillus nidulans

<400> 6288

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tatgcctgta gagaagtgag aaattagtca aagcggctgg actaagaaga aagggcatac 180
caatcatggt taatttttac agtaaagggt agcgcaccga agaacctgag gtctgggctc 240
tgttcggtaa gaagacagtt cgcgatgacc caggcatggg gccctttttg caggttctga 300

agaagctcct gaatctcatt gatcttggcg gggttgcccg tgtttgctgg gtcataaagc 360
 tccaaaacaa gctgggtaac cttcatcagt ccggtagcct aactattcaa ggggtcataa 420
 tcttaccttc tttgccccat caatggccca ggcctgatct gagtggtcca tggacatagc 480
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 tccagtatag atgccgataa gaatttcaga tcacgtgctg ataagaccat ggaggggaaa 600
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<210> 6289
 <211> 571
 <212> DNA
 <213> Aspergillus nidulans

<400> 6289

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 cggccccccg ggatcgaccc agaattaacc cccctcctgc ccaactggca acaaattacc 180
 gggcagatta ggcccatttt gcttttatta gccggcaacg gtttatgcct gttttacagc 240
 accctagggt taccctcac ccttttactg ttgattgtgc ttagtttgat gtttttggct 300
 aatcccaggg cttaccgtca gggtttcac cgttgtttcc ccgcttttta tcgagcacgg 360
 gttgatgtaa ttctgaagga atcggtaatc ttgctagaag attggccccg gttggtggta 420
 gtcagtccctg tggtgggtccc cctgccact tggttcggtt tagttttact tcagggtgctg 480
 cttcccctgg ccctagccct tgtggccggt attttaaacg tcattcccgt caattggccc 540
 ccagattagt ctagtcccc ccatggcgat c 571

<210> 6290
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 6290

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 gctgcacaca gcgcggaaaa gtgactaacc ttcttgaaac tgccctgac tcccctaacc 120
 cagaacctca actgctcttc ctccggactc acaacgccc ccttcgccgt caccagcgac 180

ccgctcttat agtgcagcag aactgtgaac gagtcctgaa agccggaggt attgacctcg 240
 cgctgcgagc ccacgaaccc cgtcacccgc tccggcttgc cgagcagata cagcgctga 300
 tcgagcaggt gagagccaag atcgtggatc gcgctgccac cgggtacaac cttgttcttc 360
 catttcgaaa cggtaggagc gggttcttca gggcggtggc ggtcgaagtg ggtttcaaat 420
 tcgacgacgc ggccgagctg gccggattaa acgagcttgg agaggggtgac gaagtcggcg 480
 tcccagcggc ggtcgtgctt ttgtaacgat ctt 513

<210> 6291
 <211> 654
 <212> DNA
 <213> Aspergillus nidulans

<400> 6291

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 cgtatcattg ttttcggagt ggatcgagga tcagcctgct gctaaagact ttggatcctg 120
 ggatttaaag gccagcatcg agctgctgaa ggatctgcct gagtttggag tggacttctt 180
 ggatgtgagc tcggggggca accataaaga tcagaagttt catttcttca cggactacca 240
 gaccgaaatg gccgcgaagc tgcgcaagga gctcagggt tctggtgcaa ggacacttgt 300
 cggcgtgtt gggttcataa cgcagcctga tgctgcggcc cagattgtcc agggagctga 360
 tgaggagggc gttgaggcca aggccgatgc cgtgttaata gggaggcagt tcttgctga 420
 accagaatgg gtctgaacg cggcgaagaa actaggtgtc caggttaatc cccctattca 480
 gtttggtcgc gcgatgtgat tgaatatgtg ggtttttttt tcctagagga aatatacctt 540
 tgggagtacg gctagaaatg gtgtctcagt aaactgtatc cagacaatga atacgtcact 600
 tgaaagacaa caactattct tagcacttga gcgtctgcgc ccatccatgg aagg 654

<210> 6292
 <211> 482
 <212> DNA
 <213> Aspergillus nidulans

<400> 6292

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cccacctgcg acacggttat gaagaatgac gatttccttc ccggcctcgt cccgactatc 180
agttggatga cgtgtgttga ctcccttatcg caagtggaca cttggagacc tagtgaggcg 240
cttatgggac tagcgcccat tctgggcgtc aggtgatcgt cgcattgcgt tccccgctt 300
ttcgcattcg gtccttgcgt ggagtcttgt caacttgtca ccgaaacaat aatgcttcgc 360
catagataca gggaagaagg ttaaaccatc ttcaacttca gaggctgtac gtggatatac 420
gtacctcact acgtaagata tgcaaggagc cccaatgcgg cagaaccagg tttgggctgt 480
tg 482

<210> 6293
<211> 599
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6293

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cccctcgtat cgctatgagc cccgcattgc tcgggccgct tcccagtgag gggctcatct 180
gccagcacta ctggtctggt ttctcccgag aatgcacata aagcattctt attggcaggc 240
ttacatactg atctctgata gaactaccgc aggcccgat atcataggat gtacagacac 300
tggtgtaccc ctaggacaaa ttggcagcta atatcgccgc ttttgtagg accagtgaat 360
tagatccatc tacctctgta cgacactggc aacaatatac ggaagggtgca gagactgatg 420
caggaagctc actgcatcta attgaggatg gtacatcatt acttaccttg tggttngcat 480
acagccctgc tagcgctagc agacaacaat ctccaaggat gcagatacac ctcatagata 540
tgctacgatg cgcaacaata tcattctcact atccatccag agcaagtcca tagacggtc 599

<210> 6294
<211> 533
<212> DNA
<213> Aspergillus nidulans
<400> 6294

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atgggcgact gggaacgtcc tgcaggagat cggctcctc cctggctttg acaggctcgtc 180
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gatccgtatc cgctctggac tgaactgtcc ggtcattaga atctcgccgc ttgtgtcgag 420
aattaagatt ccagctcggg tcagtatccg ctagtagcaa tgcctccatc tttttcgcac 480
gtaccatggc ttgtctttca tcttgagtgc cggcgccgat ctccggtgtg gtc 533

<210> 6295
<211> 480
<212> DNA
<213> Aspergillus nidulans

<400> 6295
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atagaaaagg aactgcaca ccaccaaagc gcagtaacat attgcgacag gaacgagcac 120
acatattaca cggcatacga tccgagcact tataccatgg agaacacggc gagtcttatg 180
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ctaactattg gaccgctcat gaacgagcga aactagctac tactgcgtac agacacacat 420
tgccttggtc ggagcagaga gctttccgca taggagagaa tgcattgattg agagcgactt 480

<210> 6296
<211> 1139
<212> DNA
<213> Aspergillus nidulans

<400> 6296
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attactaatg ggatcaatcc ggttacctcg aaatagacta atcctaaaag acgtagtgct 180
ggcgcatatt ttattgatac cgatcggttt agcggagcct gtgatcctct tacctgtgtc 240

gatggcaatc ccaagtgcac tcggccgcca gaattactct gtggctgcac tttcctcctg 300
acttgacttc tgtggaggca gagcttgaga cttttactat tcgaagagga ttgaacttaa 360
tgaggaggtt gcaattcggg ctgaattctc cataccctgt agataaccgg tgcctaattt 420
caaccctcac taccataga aaaagaatgt ctctattccc cgcctattct cataatattt 480
cgtgtacttc cgaatatgtg gaataattgg cttcttgaaa agagtcccg gcgtttttct 540
ggcccatcgt ctatgctgtt caatactttc tgggaagtgc tagcttcatt gttgggtgta 600
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gtttgggtccg tctttttgta aatttcgaaa acctaacttt gttatgtgtt aatttttact 780
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<210> 6297
<211> 611
<212> DNA
<213> Aspergillus nidulans

<400> 6297

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cacattggac atatgtgcgc acgacattgc ctgacgttga tatgaaccgg attgacgacc 180
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gagcatcgtc taaagcgccg aataccaacg aaaagtaaaa ctgcatgtat gcggatatcc 360
gaccttgtct tactgggctg actgtcacat ggctctgatt ctgcaatgtg aaggacatga 420
tctgctgcag gctgtggagc cgtggcagca tgatacactg accgactcac agaaggatca 480

tgaagctcat atagatcgac ctaatatcga ccatgcacag aagctcaagc tgatgatacc 540
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aatgcacatc a 611

<210> 6298
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 6298

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catgagcgtc cagatacttc tagtggtagc gtaaatacatg ggatcaacca actggataga 180
gggctgatgg cacgaggctg tgatgatggg gttgcaagtc tcggagacaa ggaaggcagc 240
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gaccagggc ctatggaacg ctgtttggag ggcagggttg cgggtcctga gcacatggag 360
agcacctttg ggaacagcgc aatcagacac tttaaagagg gtgcggaatc tgggtgtgaac 420
cagctggatt gagggctcgt ggaacggggt taaaaagttt taattactcg cacgggaaac 480
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<210> 6299
<211> 944
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6299

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ctcgatgagt tcatcggtgt cgacggggcc ctggcacctg tcaataaaac tctcaaaaaa 180
aaaaaaaaa aaggccctgt tccgtttgct ctaaccgccg atgggggagg ccaaaaagac 240
cgccaagca acttagtaag ttccccaaaa gtatttgagg tctaattaca tacaccctaa 300
tcagaggccc ctgtttccat cgcgtgaaac cagcccatgt gtaaccagggt gctccttcta 360

aataaccgga cgggcatccc aactctttcg ggactcggga acactagaat gaaaccacac 420
ttagtgcttt ttccccaacc cccgctcagt cacaacatta atgagtcgtc tttacttcaa 480
aaacgattgt aaccatcata aaccttcgc aatatggaaa attgctatca acaatattct 540
tcacacaccc ttgaatgatg catcattctt tgaaaaaat tccccttatt aatacaaaca 600
atctagccgc cccggagttt ttaaactaat tttctcctta aaaaaatac tgggggtccc 660
cacccecggt ggctaatccc cccaaaaatt ttttaaattg ttcaccccc ccaatttttt 720
tggggggcct ccaccatttt cttccaccaa tatctcttat tcataaaaca ttctcctctc 780
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<210> 6300
<211> 844
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6300

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caatgttcgt attgatggct taacaatagg tgctgggtgt ccttccctca ccggtggcaag 180
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agatagcgat agtggtttatc cttatctcac tggatcttgg tcagtagcaa tggggcaccc 480
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ggagaagacg tattctggac cagcaggagg ggtaatcacc gtcacgtccg aaatgggtga 660
gccattata agatcgccac cgcggtgtt tgtctctggg cagatttggg taagactgtc 720
ttcagcctct cgcgaagaga caggttgaca tatctggcgc aacatcgtcg ctcaattatt 780

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tcta 844

<210> 6301

<211> 594

<212> DNA

<213> Aspergillus nidulans

<400> 6301

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agaacccggt gaggaagccc cggatcgaca cgattgacag ctcggaata tagctgggga 120

cggtcgcggt gatagcgccg catgcatgc cggtagagagc tcgtccagca tctgctctag 180

ttaacaacct tgactactac ggggatatga cttacatata taggaaaggt gatgtgttgc 240

agccgtcatc acaatcgcg ccaataagaaa cagcagtgtg tttgcctgaa gggcccattt 300

acgccaatt ttgtcgggtca cttgggtccg ttagccagt agaccgtctc taacggcttc 360

actcaggcaa gaagcagaag atggcgccga aaaatgcgcc ggcctgaaag gttgacgtga 420

tattgcttga aatatccgcc gcctccgact cgacgatgtt gaaggcatca acgaagcttt 480

ggcgggcaat ggtagttccc acaaaagccg agtcatagcc gaacctggcg gatcagttgg 540

atgtttttcg ttacaacagc acctactcac aagagtgtac cagtggcaat gatg 594

<210> 6302

<211> 537

<212> DNA

<213> Aspergillus nidulans

<400> 6302

ttcagcaaca taacacaacg tgatcttgac atccgtttca tgggtgaagc gcctagcacg 60

gtttttgcca attccaaata tgccgtttct acctggtgaa gctctgccg cagctctcga 120

aagatagaat aaaccaccca tgaagaggag tgtagggcca aaggacagca cggtagccat 180

ccatgggact tcatcaacat aggaaacggg gatacgctcg gaagttggaa tgccgagctc 240

aaattgggct tggtcgagtt ttcgctcgaa actctcaacg gatccgacag tgaaatagta 300

gtagaagttt ggtgaagctg caggtgaatc agggtagctt cgagccaccg catcacgggt 360

cagttcgaca cgaaccctag ttctgttggt aacggtcaat ctctccacaa gtcccttatc 420

caaaaatttg ctctaaact cctcccatgt gatgtccttg ctattgtcgc caggggaagat 480
gctgcggtag atgtaatagg cgatgacagt cctgatcgag gtcgtcggta tcgagta 537

<210> 6303
<211> 343
<212> DNA
<213> Aspergillus nidulans

<400> 6303
acaccagct tattagaaaa caccgccgag gccaaaaaag aaagataaaa cccaatggc 60
ccgacagatt ttccccaacc agaaagaaag cctcccgagg aggcattaaa aactccggac 120
gccttaacaa aagaccacaa acccatcttg tcgcacaacc agcacataaa aagcgacgaa 180
gagacaccaa gcaaggcaac ccaaccgccc taaaaaaact ggatcgatat cccgagagat 240
atcaactgat cgcccaaagg aaaaccaggc cccgatcaac caaacagata acccctcccc 300
taaaaaaaca atattcgaaa cctgcaagaa cggaatgccc aag 343

<210> 6304
<211> 869
<212> DNA
<213> Aspergillus nidulans

<400> 6304
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atagaaatag gatgggttagc acagccatct cgtaaggctc gcttggattg ttgagtaaga 180
gttgaagttg acgcaacata cgctgtcaaa acacagtga tccagaacca tgtcgtatcc 240
ggcgtttgag actcatcgat catcatggcc agtctccaaa cactgaaccc ttagaccagc 300
ccaccagccc ccaagatccc aatgactcgc aacttcttac tcaggctcat tttcagcgac 360
catagcattg ggataggaag aacaaggatc cagaagtcgc ttatcatgct gatgggtggag 420
tcggcgataa tgaccttgag ttggtcagg cagttccac ccgtgacctc ggcgccaaac 480
cagtacgtgg agataggctt gcagaagaag atcttgatga aaaggtcggg gatgtagtag 540
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atcccagagc tgacagccag gaaggcagtt tgttacaaaa ccatgggccc taacaaggtt 660

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tcgaggagat	gggaacctta	atttccaacc	caagcttttt	attatcttcc	ggcctccggg	840
ttccccaagt	tccacccgct	ttaataaat				869

<210> 6305
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 6305

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ggccatgact	ggtatgtccg	cgctttacac	acgcattact	aggattcaca	ttctaactcg	120
ctgggaaaag	gggcgccttc	ctcgcctacc	gggtcgccct	ctggcaccca	actctaata	180
cgcacctctt	caccgtgtgc	gtgccgtaca	gtccgcccta	caagagatac	atgacacttg	240
aagacatggt	ttctaaagtg	gcgccacatt	tcgggtacca	gctacatttc	gtagcgggg	300
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gctggaagtc	tcaagatata	gaacttgcc	ttgattgtca	tatcgttttt	gatttcttga	420
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ctttacttca	ttcta					495

<210> 6306
 <211> 547
 <212> DNA
 <213> Aspergillus nidulans

<400> 6306

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cccgggtggca	cagcacgggg	cgaatgcgtt	ttggcccaag	ctcgaatttt	ccgaggagga	120
cgatactagc	gaaccggcat	tggtggacca	tgatcttgag	tccaactttt	cagggccttc	180
aacgtatcca	gtcggagact	tctcccagt	gaccagtaac	aatacttcgg	cagatcatga	240
gcagccaagg	attccgcctg	cgagcggacg	ggaatgcacc	atatgcggcg	ctcgatttac	300
gcgacgatca	aattgtcggg	aacatatgaa	gagacataac	cccagcaaca	gaaagtcata	360

tgcattgcgaa atctgcggaa aagggtcttg cgggaagacg gatctaaaga ggcactgtgg 420
 ataagtgtat gccttcaaaa cctttaccca ggttcccttt gtaggcgta atgaatgaac 480
 caggttcacg gagggatttg gaagtattgg atgtgaagaa gtgtggaagc cggtttactt 540
 ggcaagg 547

<210> 6307
 <211> 656
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6307

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 ctggaaacgt ttggcgctgg gaacgcgccc cagggccagg acaatgccat gaccaagggtg 180
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 tgaccacaga agctgcccta accaagctgg cttacctgct ggcgctcccc ggggcggacc 420
 ccaagctcgt ggcgagcaag atgtccttct ctctgcgcg tgagctgacc cgagtcgggtg 480
 cagccagtct tccccatcc ggatggagct tttgccgagc cgcgtcaagc tgttcactat 540
 attgggatac tcccatcggc aggggggacc ttgttctggt tgaatagctt ttggaaagcg 600
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<210> 6308
 <211> 639
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6308

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 ccagacgcca catagcggta gaaaacagta agacaagcca cctgaagggtc tcttaaggaa 120
 gagaagcaac gcaggagttg aagataatgg taaaaatcca gggatattgt acagaagata 180
 aaggcgagaa aacggggctg gccatcagta gtattcctct ctctctaata tcatgatcaa 240

ttcgggtcaat tccttgcgca gcgacctatt tcgggtcccat atttcgatga ttttcgggccg 300
 gtgggtcaag aagtaggcct tcttccaaga gagaccgttg aaaccggcg caatgccgtt 360
 gggtagattg cgagcaaggt tgcgaaggac aagtgcagcc ttgtatgcaa cgccgacggg 420
 ctctcctcgt tcagtgcag ggggtgtccaa gtaaaaccac ttccgcacaa tacgttcctg 480
 gagtaccgga cgttttgagc tgggcgcttc cgcacggcg ggtcggctct ctggaagggtg 540
 ggatgaaaca tggccggaca ccatggcggg atttgcgctg ggtccagagg gagcggactt 600
 ggtgcagtta tcccactgac aagtgtggac aggcgtttc 639

<210> 6309
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6309
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 gtgcttcaaa tcgagtctct tgtaggcact gttgatgtcc ttcaaagatg catctggtgg 120
 tatctccaga atgtcgtagc agttcatcat tcgtagtctt gacgagctcg ccattgtcag 180
 gagttcgggtg ggtgttataa agcaaatatg ggagagaagc gcgggctggt caaatggaat 240
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 agtgggattc aaggaagggtg tgagtggctg tttgatgaca tgccaatttc atcctaggga 360
 gtaaagaata accgagtgat ttccagacag ttgagacctt ttaaggcgg agtattgtta 420
 aatccgcaaa tatgtagaca gctaggacga ctatattaca gagctcatgc gagagggtta 480
 tagtgaaagg gctgagttta gatcatgcag ttgcagctat ttttgaggac aaacacaagt 540
 catggtacaa atgaaatgta gagagataga ttttaca 577

<210> 6310
 <211> 211
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6310
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 ggaccttgag gacatggtct acagaaggcc ttaagtatc tgggagctgg ggttcaaagt 120

agaaatctta cgtggtgaga gcaggcaggg gttggcttag aatattctgt cttgagataa 180
agagctaccg atcacacggg gagtataagc a 211

<210> 6311
<211> 582
<212> DNA
<213> Aspergillus nidulans

<400> 6311
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tcactaacgc acctcatggt acctaacaac ggctagagta gctgaggag gaaaggaatt 180
agctacccca ataatgcgaa aaaccagata ttcagttcaa acagcttatg atattctact 240
ggccaccag taccgaagct ctcaaatag gctgaacttg gcacagaata gcaagtgtca 300
tcgccgtatc caccctgat attcccgacc ggtcgtacgg ggattcattg cggacgtgtc 360
gagaatcaga gagtcccttt tctgatgcc atgaacgcct tagaagcagc aaacgagcat 420
ccaaccattt tctgagtga cattctcttg ctctttcagc agcacgcgga gaatagagat 480
tgatgatcgt attcgtttac tcaactcaggt aatggagaaa ccgacttgac ataaggcggt 540
agggcggtat ggaaaacatg atgtgggaag actgaactac ca 582

<210> 6312
<211> 770
<212> DNA
<213> Aspergillus nidulans

<400> 6312
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tatcaatatt atccattaat cggttataca ctaaggtaga gtatctatat aagtatccta 120
aagaacacaa gaaagcaaga aaagagactc gctgcagcta cgaataatgc cggctataac 180
cggggagttg ctttttcttg gtcattctcat ctcacatcag atggttgatg tttggtgtat 240
gccgcatcaa gtgaagtcgt aagtcattca tagcgcgtat gtgcggtttt ttgacatgtc 300
ctggagcggg atttgattgt acaaattgat gcatatgat taggtatgta cgttgcaagg 360
cgagggacag ggggtcgatt attcacacac tccgcaggtt tgatccgagg taggagtaat 420

aagaagcccc aaccgacatc tgtcacccta cagcttgtgg tcgtatcaat ggcttttgag 480
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aagaaccgcc cagtacatat atgcgacgaa ggcaaagagg aagtaggtgc ggaggtatag 660
gagctcaaga gaggcgctgt ctgcgggaag gccacagaaa cgggaggttg gcgaggatag 720
cgccaccaac gagcgggtgtc tgcggcaccg ccagatggga aaagcgtagt 770

<210> 6313
<211> 1401
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6313

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taccaccaac gaaaagaatg gagccggcgt cggccccggg cgaggtcgat ccttcgagta 180
ggcagatccc ccgctaagga aataataggc aaatttagaa aatcaacaaa gatttaatga 240
agaaaataac aaaattatta tggttattat taggaatgct aggaattaga ggaattatag 300
gaattatagg agtaaaagta aatgtgaaaa agatagaata ataaattgga gcgagaacgc 360
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cgtgccatgc cattcaagcc atccaagcca tccaagccat cctcggctga ccttccttgc 480
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tctgagttgg ggtcttggct tttaggaggc tttgggctcg cgataccaat cctgccattt 600
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 ttattttcaac tcccccccc c 1401

<210> 6314
 <211> 896
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6314

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 agcctttggt ggatcgattg ctggaatacc cgctgtagga attttccaag aacctgctca 180
 taatttgga aagcccgccg gatgatagct gactcttctt gtaccacaac cctgacttcg 240
 tcaaccagag attggaggct cggttcaact ccagagggtt ctgcatctgg gtcggcaagt 300
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 aagaattggt gttgattcac aaatagtga acaacgctcg ccccgccatt gaaatcctgg 420
 agaacagtag cacaatcctt cataccttca aagttagcct tacgataaaa atcatcaaac 480
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 catcgaaacc cattagtccc ttccatattg ttgctgtttg gtgccagatg tccgtcattg 600
 tacggttcag tgctcctgga ctcatccag ctctttgggt caagtctttg actaatcctg 660
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 atcgagccgc gggctctgcg atcaagtctt cagcctcttc cgttcaccgc attattcgtg 840
 ccaagaaaat cccggtcccc gtcgaagggt ttcagtttga aactattgt tgtttag 896

<210> 6315
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans

<400> 6315

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 taccgtgcgt actaccgacg agcaggaaat tactacttcg tctctacctg gagagccaac 180
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 agagtcctta ctttctgtgc ctgaatctgc tgaaccaaag ccagactctc cggagcccg 480
 ctcccagcac ccacctgaat ccaccactga cacagatatt aactttgagc caaaagaagt 540
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<210> 6316
 <211> 1013
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6316

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 atttcaaaa attatgtccg gatggaggat gtgaccagcc ctggtacgtt ttccatttgc 240
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 aaggttatat tacctgttac cttgaccccg ggateccttt ttactctaaa taatcctctc 420
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 tcactctttt aattctctca ttttatattc ttctgttctt tactatttct accctcctta 660
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 ctcttttatt tcattctctc tgccataggt tccacatctt ttcttttagt tacctgtttt 960
 tctttttatt ntttatattt ttatagtttt ctactttct tcttctttca tct 1013

<210> 6317
 <211> 1003
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6317

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 agactgctgg atggcctctg accctgcacc tgtctgttga gagatgaact gcgcgagctg 180
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 aaccctgctg gtgaaatctg tatgctcttc ctgcgaata gacagtgtgg attcctcaaa 360
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 aatcctcccc ttcaaatcat gaatctcttt ttcagcacc tccagtctcc tccggagctc 540
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 gtactccaac acttgcttct tgagctcctt tttctcagcc tcaaggtttt ggttcttagt 720
 ctgcaacatc tcgatttctt tcgatttctg ctgcggcgca aatttagcat tgcgattcgc 780
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<210> 6318
<211> 943
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6318

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ggacgcaaaa aactacgcca aagacggtgt ccgcatcaac gccgtctgtc cggggtaagt 180
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<210> 6319
<211> 967
<212> DNA
<213> Aspergillus nidulans

<400> 6319

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<210> 6320
 <211> 652
 <212> DNA
 <213> Aspergillus nidulans

<400> 6320

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<210> 6321
<211> 1189
<212> DNA
<213> Aspergillus nidulans

<400> 6321

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<210> 6322
<211> 516
<212> DNA
<213> Aspergillus nidulans

<400> 6322

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<210> 6323
<211> 602
<212> DNA
<213> Aspergillus nidulans

<400> 6323

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<210> 6324
 <211> 590
 <212> DNA
 <213> Aspergillus nidulans

<400> 6324

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<210> 6325
 <211> 544
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6326
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6326

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 ccctctgcgt ctcaaagtca tctccgttcg attccccgtc cgcctccgag atttgagaat 480
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<210> 6327
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6327

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 gggaaaagga ggctgggatt agagaagagg ataaacactt cagtggggtc agaagttgga 180
 aaccccaggg gaggcctgcc tgccaggatt atggggaa 218

<210> 6328
 <211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 6328

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cagggcagga caacgacagc 560
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<210> 6329
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 6329

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6330

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6331

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catgctcgag cacggcaggg tagtgtatgc tcatccttcc agcaatagaa aggggaattg 180
ggagttgacg gaagatggcg aggagattct caagaagtat aaagggccct gaatccatcg 240
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<210> 6332
<211> 529
<212> DNA
<213> Aspergillus nidulans

<400> 6332
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<210> 6333
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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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<210> 6335
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 6336
 <211> 554
 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 976
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6337

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<210> 6338
 <211> 774
 <212> DNA
 <213> Aspergillus nidulans

<400> 6338

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<210> 6339
 <211> 529
 <212> DNA
 <213> Aspergillus nidulans

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 gttatatatt ggggttatct tgcaatgatg tcaaggtttt gcttcggtgt gagcaggacg 480
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<210> 6340
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6340

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<210> 6341

<211> 332

<212> DNA

<213> Aspergillus nidulans

<400> 6341

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gatttgccga gcttgggttt ctgcgggtgg ctgcgagacc tctgccatat taagatcggt 180
gcgcgcccga gctttttata cgtagaatcc cactgaagaa taattggtag aaagtgcgga 240
ataatgagta ggtgtgctct ctgacattac caggttcaga tcctcttccg agtcgaacga 300
cgcgggggta ggttcgccgc taggccgttc ct 332

<210> 6342

<211> 623

<212> DNA

<213> Aspergillus nidulans

<400> 6342

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tttattgtcg aatggaggta gctctgacct gtccgctcct tcgcgcgacg accagaaggg 180
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<210> 6343

<211> 1520

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6343

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aaaagagaga gaataaagag gatgaagaat taatagaaag aaagaagtat gaggataggg 240
gtagagagtg ggaagatgga gtagaaaagg gaaggaaagg aataagggtg aagtagaaga 300
aaagagaaga taggtaaaaa agaaataaga gaagaaattc taaataggat ataagtagag 360
agattgagga ggaaagatta gggttagata gaagagaagg agaataataa gatgaagagg 420
aatgggtgaa aagagaaata gataaggaaa aaaaaggtag agaagggagt taggaggatg 480
agacggaaga gagcaaaata ggagaagagg agaagattga tcaaaaggaa gagagtacgg 540
gcaggggatg acaagagaaa gtaaagagat aagaagagga gggacagtgg tgatcaagga 600

acggacagag ttggcacgaa atggaggagt ccaggcagag agcgcaagaa cgcagtgtcaa 660
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<210> 6344
 <211> 575
 <212> DNA
 <213> *Aspergillus nidulans*

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 ggggcggccg gttcagagtc tgagctcata ctatcaacat agcacgagtt agacgcagct 180
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 caaaaatggg tggttagccg gaattaggag atatcgacc cgtgccgtct ctggccagct 360
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<210> 6345
<211> 548
<212> DNA
<213> Aspergillus nidulans

<400> 6345

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gcatcaggga agccactctc gatcttgctc ttcaggcgtc gtcagcgcgc gcgcgtcgga 360
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gtgacttctg attccctttt ctgggggttaa aaataattgg aataggagaa acttgggccgg 480
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<210> 6346
<211> 583
<212> DNA
<213> Aspergillus nidulans

<400> 6346

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gggactcact tcgtgacggg accatggacg gcatgttgcc ggtgattata aatctgcaag 180
tattaccgct ctgtcatgag gagacttagc ttgaagcgtc gaattactat gcgagagttc 240
tcacgagtga taataagaaa gctgtggtag gggagcagct agcttgtcca cgccaaggac 300
tgatggcccc ccgattccgc gaggttcagt caccacacgc cgataacgtt tctgcttata 360

tgtggaacct tggcctgccc acagccgcgc tcatacctag atctgactcg aaaacggttc 420
gacctatctc gctagttggg cgtacttggt tactgttgtc tgattttcat ccggcctata 480
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<210> 6347
<211> 583
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6347

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<210> 6348
<211> 939
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6348

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gcccgcgagt gtttgagggg agctgaaaat aattgttaga aagtacttag cgttatttag 180
gagatagact cagccttgcc tttcgccata tttaacgtgg tcgtataaat tgtgttttgc 240

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 acgttttctg tagttgcctg tgctccagca tcgctgtctc tatgcgtcgt cttataactc 420
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 agatagaaac agccataatg acagcttctg gcaccacttg caagataacg cctccttgac 540
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 ctcaagctagg gtttttttgt taaaaccctt gtggaaaaaa acacttcctc cgggtagaac 840
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 attactgggg aaaatttttt gcccaactta aaaatattg 939

<210> 6349
 <211> 625
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6349
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 tcgtcaattc ctgcgagccg tataggactg ggtggtcttg gaagttctcg ccgacggcag 180
 gaagatcgat aacttgttca acaccagac catggaggac gtctgatgag cctattcccg 240
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 ctctgtgac tggatcaagc gagttcggac tccagaaacc tcctatagca ttggcagagc 540
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<210> 6350
 <211> 625
 <212> DNA
 <213> Aspergillus nidulans

<400> 6350

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 agtatgagaa catcagcctc agtggaatca gtaagtacgg tatcgtgggtg cagcaggatt 180
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<210> 6351
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6351

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 agggttaca actgcagatg gggatcttag ctctgcacct ttgggataaa taggaatgaa 180
 tgacttaggc tcctggacct ctgtgttttt atttgtgaaa tgggatgaca agggatcatct 240
 cttaggtgca tcatatcaca cctgtgagaa gctggcacac agtcggaagt aaccagaaga 300
 actttctagc attgggtacg taagg 325

<210> 6352
 <211> 582

<212> DNA
 <213> Aspergillus nidulans

<400> 6352

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acgcggggac ggacaaagcg gaccccaggg acccacgaag accgaacgca ggaaggccccg 180
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cacgcacaaa ggcccccaga acggccacaa gagccccac acaggacgag gccccagaa 420
acggcacacg cccaggggcc gcaggacgaa accagagcca gcccccaaa gcaacgaaaa 480
cggggcaacg ggcacgcagg gccacctcac agcgggagac ggcccacaaa acccaacagg 540
gaaaagggcg acctgccaac gggaaggcac caaccgacaa ca 582

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<210> 6353
 <211> 323
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6353

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aggaaccca acgccggcag aggaacacag anccaaccgg acaaccacga gaagcaggga 180
caaccgcagc gaccacacga cccggcagac gcgacgcgc cgcgagcgga gcggcaccgc 240
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gcgcaggaga ccagcggaca gac 323

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<210> 6354
 <211> 716
 <212> DNA
 <213> Aspergillus nidulans

<400> 6354

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aatcagctg ttcgtacagt cgcccagtgt caaagccagc ttccagatgc gggaagaaat	180
cgcgggcgaa gatgagctgt gccgaacttt ctggattgaa gtcaatataa aggaagtcgt	240
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aaagtctgga ttctgaaacg cgtccgtgaa ggtatctgcc ccagccgtcg ggtcaatagt	540
ggcagaagct aaggtatccc acgctgcaac gtcgttaacc ccattcagcg gcgcagtctc	600
tgtatagggt atgctctgcc acagtgacgg ctcaatagtc ccggctaagc ccgccgacga	660
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<210> 6355
 <211> 533
 <212> DNA
 <213> Aspergillus nidulans

<400> 6355	
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gcgtacttca cggggaatat cctcgccacg ccaaccgacg taaataccgg gagcatgttt	180
gaagagttcc ggtggtgatg accacttgta tgacttaaac tgccagggtt gaccagtgg	240
gaagacggcg acgaggcgct gccagtagtc cggtttgaag ttcgcagtgc tgtcgacgag	300
gatgaagcgt ggtgggtttg cgggccgtgg tggccttgag aagccagggg cgcggaaga	360
cgaagaaagg tgtcggagat cccgaggagt ctgttgatg taaaggatgg ttgcttgccg	420
cactaattgg gaatagccag agataggggt gtccccggt gccacgataa ctaccgttg	480
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<210> 6356
 <211> 611
 <212> DNA

<213> Aspergillus nidulans

<400> 6356

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actgccgaac acgacccaag cggcgctcatt tccttgaata tgtcagcgca ggatgagccg 180
gtgcctggca actggaagaa aaaagctgat gatgaagtca agatggaaag tgctcaagag 240
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agaggagaag aagaaaaaag ctcgttactg tatgctaaac aagcgacgta cgtccaagaa 420
actccgatag ccaaaatacg cacggcactt actaaacgct gacaacagga tgcaaagtca 480
gaaacgacag caccagggta cctgttaagc acgtcaagcc ggactggggac ataaccatgc 540
tatatttata cccggaacca cctatacctg accttatgga ggaacaacct ggtcgagaaa 600
ctggccgctcc t 611

<210> 6357

<211> 563

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6357

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atcccctgaag ttctgacaaa aactgacaat acctcttcgc ggccagcaat tacaggatca 180
ttgagggggag acacgcaagc gcatcgtcct cttaatatcc ttcaagctac cagtacagct 240
ctgctgatgg cgatgaagct gccctacccc ttccaaatcc acagcatact gcccctgttg 300
ctaaccacaaa tgcgtgtgtg gaagcgctga tgctcccaact tttgtactag gccttcaatg 360
ttattgtgtt atacttatgc ttccggagag ttgattgctc gagaaaaggc agcgacatgc 420
atctgagatt gtttagcttg atgnngagta tgggtgtgggt gatttttgag gggcgctgca 480
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gactgaaaga tgtcatcaaa aaa 563

<210> 6358
 <211> 863
 <212> DNA
 <213> Aspergillus nidulans

<400> 6358

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atcgttatcg ttatcagtag tgcggggaat ggcgggctaag gactgacagg cggtcgatcc   180
gccatcattc ggatactttc cggatggtcg ggcgatgaag gctgtagtaa gttgtgggag   240
tatgggggag atagagaaat tgggggttatg ctgctttcga tgtgaaatca tgctgggaac   300
gaacacttcc taacccttaa tcaattcatc ggatgacggg ataccctgta aatatttaaa   360
ccttatccga gtgcaacaac acagttccca cgccattcca tgggggggag tcttctttca   420
aattgtgtgg gttctgacct tccaatagca aaacaatgtt ggtgctgggtc tgggcataaa   480
tcaggcatgt ttcgaggggt cacacatggc cgacgtgggt gctccagcgt tcgtttgaca   540
cagggatggc tgcagtgagc tgggtctgcag ggtcaccacg ttcgggagcc acagcgctg   600
gagttcta at gggatggggc attgatctaa tgcgcgactg gtacacttga agcaatgggt   660
tggggccctc gaattggggg cggaatgaaa cgggcggaac aaaagagact tgccgctgtg   720
caaagggtgg atggagtcca aagggtttcc aagacccttt gggttattca cagggtcccc   780
ggtttctttt tatttaactt aatttttttt ttcttggtcg cgggtatttt aaacaaaaaa   840
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<210> 6359
 <211> 116
 <212> DNA
 <213> Aspergillus nidulans

<400> 6359

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tcattaatgg gatctaccgc gttgattgta cagagtatgg taatattgga ctgggggactg   60
tcaggtaggt atatttttga aattctttca gaatgataca agttagaggt tttagg      116

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<210> 6360
 <211> 638

<212> DNA
 <213> Aspergillus nidulans

<400> 6360

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cgatgcgcca tgtctgcagc ttgttccgtc tgggagtggc tctctggcgc agataatata 120
ttcccaatct ccgtttgata cggattcagc aaaagcgaac atcgccctata cgcagaatct 180
cgtaaagtc atccgttatg ctctgaact ccaagccgat attctagctc tcatcactga 240
aaagctggtg aagatcgacg tccaaatcca ggttgatatg gaagacttgg aagatgagga 300
gggcgaggaa gtcctgcacg ccatttctcc agaggctgtg atgtttgctg aggacctgga 360
cgatgaagat gacgatgaca acgcttccgt cgtaagcgac gagtctgttg agccggaatc 420
tcgacgtttg aagactatca aggagaacat cctcaaactg gacggcatga ttgacacact 480
gttcgaatac tacgcaccac ccttcacatc aggcaccctt gacgacaagg aaaatgctct 540
cgacctgtc ctcagccatt tctcaactat cattctaccc acctaccgct ctgccattc 600
gcaattcctt ctttttact tctcacaatc ctcaccaa 638

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<210> 6361
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans

<400> 6361

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tctctttccc ttttttttct ttatttcacc agcattggga tgcgcctgga cttcattctc 180
tcaccatttc tttgcttttc ttcaattccc cattgtctct ttccttctaa ctgtatcttt 240
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ttgcgatgtc aaagtatgta atgtgcaaag accttgagg ttgtcgtttt agcagccgaa 360
ttgaagttgt caagtcgggt ttcatgtctg cattcatatg acatgggtcg cttacgatca 420
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acaacccgcc ct 492

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<210> 6362
 <211> 828
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6362

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gcaagctgga tgtctttctc cgtttcttcg tccagattct taggtgattc atccacctca 120
acgggcatat cggcagcagc ccgcgagtct cgcctcaaag atggtggctc tgccatagca 180
gcattgcgac tgacgccgtc atcctcggtt tcatcccgcc cccatgcctg cgcaagccgt 240
atatgtttca ttgcagatt ctcgagtgtc tcggaatgct tctcccaaaa tacatgtccc 300
cggacagccg cgctgacttc cacgtcagaa agggcgctct gcatttcctc ccagagcgca 360
tcggagccat ctacctcacc cctagactga gtgcgggaca aaaacggaga gagaccaggt 420
gcgtcgagag gctttggtga agagcgcttg cgatgcaaca gagggatttg cgacccattt 480
tgatcacctc cagtagtaac taccgaaggt acgggcggtt gaagcgatag attcgatgca 540
ttgtgggacg gcggaccctg aaaaagggcc ggaggaggca gacgctggga gctcactttt 600
ctcaaagagt caggggaggg gggggtgtcc atgaatacgg aaggcagctg gacaatttgc 660
agcaagcttc tcacattctc ccaataacaa attctctctt atattactca nagtaaaacg 720
agatggaaca ctccaaatgc agtaactcga tgctatggct ccttatcggt atcgntatcg 780
gacaagcggg gcacgtttat ccgatccgga actcagactc gcttagct 828
  
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<210> 6363
 <211> 644
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6363

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atcccatatt ccgagcacgt tcgtcccgcc aacctggcac ccacatgtgc tacaaaagta 120
cagtttcgct ccgctcccag gcggcggtga tgcagtaaga ttatcccagc ttgagggggc 180
tataaaggag ggttttactc cttctggaag tggagcgtgg tacgaggcgg ttgtgccgtg 240
ggttgtgcgg cagaggggtgc aatggcacag atgcgcgcgg agcgggaggg aggttggttc 300
  
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aacggtaagg gcgaagtgag tggaacgaca gtggcaacgg atcgttagtg tttttgtaga 360
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 tgaggaaagg ctgcagaggt tttagtgtt ttgtatacga tgcggggtaa cagatgggct 480
 gacgttatcc tgcattgacg gacttgetta taaatatcaa atctaataa tctagcacga 540
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 agactaatag gcatgaatag gttcgaccca gtaaactgtg gccg 644

<210> 6364
 <211> 596
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6364
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 ccgggcggca tacaacaaca accgcggcgg ggacaagagg aacaccgaca cgtacaaaga 120
 aaaagacagg agagcggcaa caaagatcat cactggcctg accaccgagg gcgccccgct 180
 gagactacgg cacaggaccc aaccgacgca gcacagcggg cacaaacggg ccgttctcgg 240
 acgccacgaa ccacagctcc cgagaacgag cggccccgac cgcgctgcgg ccatgccgcc 300
 gaatccgaga ccgctgtgac tgctcctgct ccacgccgag ctcatagaag cgaacacgga 360
 ggatggcaag ggtggaacgg aaatggggga caacagacgc gctggatcga caggcggcag 420
 ccaacactga gacctaacgc tggagccagc ccgagtccca gtaccaggag gaaccctggc 480
 aagacctgcc aggggtagca acggacaatg ccagcttcaa tgacgagacg aagactgaca 540
 ccggaccagg gaagggcatg gcaaacagat gactcagacc tagccctaac agggcc 596

<210> 6365
 <211> 1240
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6365
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 aaaggggaaa gatcctcgag tttaacaagta gttgggcccc ctaaaaccgg taggtggcca 120
 agccctttgt tcccaccagg ctgtttttcc accagtgtca agggatcatcc tcggcacaat 180

aggttgacaca cccgtgcttc gccccgttaa ctgggatctc cttgaacgga accgcttttg 240
 ggactcaagg tcctccgggc attgtaccaa ggtgttggac ctgcgatcga ggtaagcttt 300
 atcccagcgg tgatcaagaa gtcaaccagg gcagccttca ttttggctctg gcaagactta 360
 aagtcacgc ccacgatgaa gccgttgtgc ttctcggcaa gtcattcgc accaggaaca 420
 aaggtattct ggggagaccc gttgatgaaa ggagtgttgt cgaggataca agcaacagcg 480
 aagacggtag agggagaaac ctccgtgtga ccggacttaa tggagttgac caggttctca 540
 gcagtgtcgt tgacgccagg gagaatgtcg gcgtagcgtt cagtgttggc cgtccacatg 600
 acaatcacct tgtcaagacc attttcggcc ttgaaattgc tgctacagtt agtgaggttt 660
 ctcaaattgc agtgaagta acttaccgga tatccgctg aatcttctca acatgagccc 720
 acgaggcctt gctgccctcg aggacgttgt cggcacgatc ctccctggttgc gcagcgatga 780
 agtcagggtg gtaaacgctg ggcaaaggct tcattctcagc catttcctta cggacaagct 840
 gcttcagggt gggctcaagg acctgggcac ggtccataga gtcagccagg ttcattgctgc 900
 taatgtccca gccaccaatg acgaggtcat tggggtggac catgggcaac atgtcattga 960
 aggggatgtt gatctcctcg ccagtctagg agtcggatcc aagcttaatg gtcgagctca 1020
 tgacagggga cccgtatcat ttggaagaac ggggcctttc ttgggtttcc agaaaagggt 1080
 cccacattgg gagagttacg gccgtaaaag gaaccgtttt ttcacccaac ccaccccata 1140
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 ttgagacagt gaatcgggtt tgtagctaag cttgattcgc 1240

<210> 6366
 <211> 632
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6366

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 gacccacacg accggggggg gcgagaaaaa agaaaacgcg ggggaaaaaa ccgccaaga 120
 agggaaccaca gacaaacca ccagccaacg gaagagggcc aaaagcccca aagcaaggaa 180
 gaggcggacc acggaacaaa acgggcacac ggggaccgcc cagaacacgc agacccaaag 240
 ggcaagaaaa caaaagcngc gaccacagag gaacacaccg gcaaccgggg acggccaacg 300

actgcaacgg acggcagggg aaaggaaccg ccagacccgc acgaagacaa gccccggcga 360
 ccgggaacaa agctgcaccg aacacgccgc cgacacccca gcgaggccag acagcagacc 420
 aacgcaccac aagactaccg caaggcgaag ccgacagcag cacaccaaaa ggcaccctgg 480
 acagaaccag cggcacgaaa ggaaaggcca cacaccggcc caacacccgg gacaaggcca 540
 gaacccccaa cgcaagcgag cgccccccaa ggcaacggaa acaaaacaac gcagtgaaaa 600
 gccacggaaa aacccggaca aaccgcccag aa 632

<210> 6367
 <211> 730
 <212> DNA
 <213> Aspergillus nidulans

<400> 6367
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 gccctgatga tggccccaaa gcatggcaat acttccagga cggataaaaa gattttgtca 180
 ggctctacgg ggatggatcg gatagtgtca caggccaagg cgagcgtagt cgcggtttcg 240
 acattgatag taagggtcaa gtttttgaga cggtcattcg aggactgggt atgcgactgg 300
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 ctaagttcgc atctctttgc tgtcggatgat cttcccatta ctcgttatag tcccccgag 420
 aaggaggcgg cgtatgcaa agcctgggat aagacgtcct ttgccgccga tagtcgggga 480
 atcgctggg ataatgggtt tgtgtacgat ggtcaactgc tccgacttgc tgttgaccta 540
 gcgaatcgca tcctaccggc tttttatacc catacaggtc taccttatcc gcgggtgaat 600
 ctccgtcacg gagtgcacca gcagcctttt tacgccaatt caccgtagaa tgcggatact 660
 gtacgtgttt gcgatgataa aaatggtaat gtctgtgatg cgtcatcagc ggaggtcacg 720
 cagacatgca 730

<210> 6368
 <211> 370
 <212> DNA
 <213> Aspergillus nidulans

<400> 6368

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 ccttgttaga gtcagtcact caatagggga aataatttgg agtattttga ttaccaaatt 180
 gaaaagagca cgttggtatt attatttaca agattttatg gatgattatt tattccgggt 240
 ctttgattgg aatggtcagt aggattgaga taatgattag ctcgggcctc tctatggetg 300
 ttaacagggg aaagaatatt cagtgtgtct cttcccatag gactcgtatt tcctttggct 360
 gcttaagcct 370

<210> 6369
 <211> 838
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6369

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 tggccgaagc cttttccagt ctgcgcttcg tcgtgcaaga ctcagccgag cagatcaacc 120
 agagccgccc gtcctaaaat cacaactgga aagtgtccgg tctgccatcg aacttggcat 180
 ttacaaccac tgcgacgaac agcccattca gaacacagac atatttctgc tgcgcatggt 240
 gctacataat cataccaacg ccaatgccat ccgattctt gcccccttgg tgcggcccct 300
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 tgacggctgt ctagatgaag cactccagcg gtaccgggat ctgacgatgc aggaagtgtt 420
 caatacccgg gagcgaagcc tcacggagtt tcagcgactt ctggatgtca tcagcgacag 480
 cgcgaggcag ctagtagggt aagaacctcc gccagatccc cagcctccgc gctgtccgnt 540
 atggatgttt ctatcattcc tacacgaacg gcacaagtcg actagtgatt gacaacaccg 600
 ggggccggat tgcattcttt ttccatcctg atgatggttt aatttttgcc aaaaaaaagg 660
 ggtgttgga gggccgaagt cctttaagga aaaaagcagg acaggggaat ggcaacaaag 720
 cagagcaaac agggagctac cacagaacct atacagagcc gnggactgga aaggggtacc 780
 ggagaagttg ctgttgctct aggatattat ctgcctacac gaggtgttgc tgtggaat 838

<210> 6370

<211> 965
 <212> DNA
 <213> Aspergillus nidulans

<400> 6370

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ccatcgcggc gactttctcat cggcaccccc aacgacagcc ttaacccatt gttcacgata  180
caatttccta ggcccaggcc cgccccatgg tatccgcgga tcttccgact cttcgctctg  240
gagaattgcc atcgcggttg tattgaagac gctgataatc cgtctgcaga cgtggagggtc  300
gacgggttgg tcccatattg ccggagctgc tagcagctgt gaagcgagta gtgtaatgtt  360
aagtgggttc tttagaactg cgaggagact cgttgcagtg ggaaagtaggc tagtacacag  420
gaagatgtta gctgttgcac ttaaacagac cgagaagctt atcggcattg ttctgttacc  480
ttaatccgtc ttgctcgtgc ggtggtatth gaagggagcg cataaaggcg cccaaagacc  540
gctcagttgc catgcttggg gagagaccaa aatttgtgtt atgggtgaca taggggaacc  600
gccaagcctt gagatgtaaa cagcgtact tcttttaccg gacattgcgc ggacatacct  660
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<210> 6371
 <211> 501
 <212> DNA
 <213> Aspergillus nidulans

<400> 6371

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ccgataaaac gaagggggcc ccaggcgagc aagggggcaa caccacagca gcccggacgc  120
gcccgcgcag accagaacac aagaccacgc acagagctgg cgaacaccag cgagagaaaa  180

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aaacatcgag tgggcaaccg ctcagccccg caaagggcag acatgaagcc gagaccagg 240
 cgcagccggg agcggcaccg tgacgccgag gcgagacaga cgagcatatc ggcgtcggac 300
 aaaaaggcgg acggcaacaa gaaacggggc cgggcgcccc gcgcggcccc agaaagggcc 360
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 ccccaaagag cgggcaaagc c 501

<210> 6372
 <211> 583
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6372
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 aataggaaga gggttcgggg tttcatgaag tggactatcc agaaagtacg gccgggcgtt 120
 gttctccctt cagttgcttt ccaatatagg gtactaacgc ggcttttcag ggccaaaaat 180
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 cagaggtcag ctagttactt tcactactag gccgtgacaa ccgctaactg tatgttttag 360
 acgtgtataa aataggtgat attgcagttg atctgtccaa tgttgatctg agcagattca 420
 actcgaagct cattgacgac aggcgcgcgt acgatataca gctccatctc aaggtcactt 480
 ttggtgctca ggaaggacta ttgaaatata aagctataag tcaagggaaa acgattggag 540
 tgacaagtat tgatcatagt ctggctaaat actactgatg gtc 583

<210> 6373
 <211> 812
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6373
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 tcccatcaac acaatcagtc tcaagtagtc ccccttcac attgaatcat ctggatgcga 180

ttcaatccaa gatgagttaa atcataacat gccccgtcat cttagagcct agtccaagggc	240
cagattttatc ctatgcccc tgcgcccaca agcggtagta tgcaaggtaa actagacttt	300
aactaaacta tccgggtcaa cacgcaggat atcctccgcg ttatcctcgt tctggatgag	360
gacgcggccg cgctccgcg cgccgatgac aatgtagtgt gcgtcttggt agcggacgcg	420
ggtgccagat gggaactggg actggggcag agcagatatg gtgttagtta tgacagctga	480
gagacggaca agaacgttgg tacatgggtt tgtaggaatg tttgattggg atggaggcac	540
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tatgggacga tgttttcttta tcttggtagg atgacaagta aactctcgca ttttaagctg	720
tctgactcct ccaatgcaaa aatgcaggct agtttattgg ccaagacaag ttgttaattc	780
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<210> 6374
 <211> 610
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6374

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agacacgaca gccaacaccg gcaaacgcca gacagacagg acgagcagga caaccagcac	180
gggagggacc agcgggagaa caacggaggg accacagaaa aaggcagaac gcggcgccaa	240
gaaagcacc acgagggcag ccggaaaaga gacgaaaaac aaagacagcc cccggcccga	300
cgacgcccga cagacgggaa agaaaggaca aaccggggg gccacccaaa gcgggaccgc	360
aacaccaga gagaaccaca cccacgggc gcgcgcggg cccggccagg aaaaccngga	420
acaaaaaccg gaggcccaaa acagcggcac gggggcaacg gaaccacacc aaaaacaggg	480
gagggaccaa caaacgcccc gccgggaacc aacaggggac ggggaacgag gggagaaagg	540
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<210> 6375
 <211> 612
 <212> DNA
 <213> Aspergillus nidulans

<400> 6375

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 acgcaaacc atggagaaca gacggacagc agcgcaagag aacacactga cacgagtcaa 180
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 tctactcagag aggggtgaaga cgaagcggcc agagcaggac ccgcaatgac gggctgacca 360
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 ccgtcgaatg gcaactgagg ggacaagcac ccgaagaacc ggaggcccaa aatccaagga 480
 aaataaaaaca agaaaagggc acggggaggaa ggatcacaag gcaaaacccc acccaaaaaca 540
 aagggcggac aaaccagga gcaaagtccg gcgtaaaaaa cagccgaagg caggaaaatg 600
 gacttgacag cg 612

<210> 6376
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 6376

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 cactgtatgt gaccgattca actttgtgca cgacttggtc ttgtacctct accagaacca 180
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 ggtatacaac gctctcgcca agatttacat cgacagcaac aacaattcaa agaagtttct 480
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574

<210> 6377

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<212> DNA

<213> Aspergillus nidulans

<400> 6377

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aggtgagagg gaccattggg tggaggggat ggacgagggc gagattcggg cgctgggtga 180
taagcggccg gattttatat acacgctttg attggggcat cctctcagag cctaggtcga 240
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ttccgcgcgc cgcaatgacc ttgggttcga gaccccttg ccaggccctg cactttgggc 600
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<210> 6378

<211> 576

<212> DNA

<213> Aspergillus nidulans

<400> 6378

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gattgttaat gcaccaata ttgttatcca caactcaagg tgctaaggga gactcatgga 360

gaacaaaaat ctccactatc acaaaccgac aactgcccc a ttgattaaga gtatcagtga 420
 ggtaccaacc atgatagtga agacaccgat tctctagccc tctaaaattg tgctagagga 480
 gccagaaaag cccccccggc aaactgcctt gggcaacaac cgatatagcg acgtctattt 540
 taaacttcga gccgctctcc tccacccgaa cacact 576

<210> 6379
 <211> 722
 <212> DNA
 <213> Aspergillus nidulans

<400> 6379

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 ttcacgtaga ttacggcgcc cgcgtccaag agtatattca ccatcgggct gttgaacgtc 180
 agggcaggtc gatccaggaa cgaaacgtag ccaagggtag actgaacacc agtaacattg 240
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 gtgatgtcga tctcgcgctc ggtcaggatg ccgctctgtc gaggaatatc aagaatattg 540
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 cctgcaagct catctcgctt gcgctgagcc ttctgctgcc agtccattcc cagcactacc 660
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<210> 6380
 <211> 1103
 <212> DNA
 <213> Aspergillus nidulans

<400> 6380

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cagtcagcgc actttcatgc ctctttctct tctctctcta ttctctgatg tctggaattc 180
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<210> 6381
 <211> 970
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6381

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 aactcggatg atgtcgagtt tgacacggac agcctctcgg tggatcgtct tcttcgaagt 240
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cttcttttatt ctaatgggtc actgtcatta cagcctatc ttaccaggac cgaaccaggg 360
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 ctgtcgggag ctatagtgt agcagctact ccgaataccc tggagcgagt ggataccgat 480
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 gctgcggcga tagaggaggt agaatcgag gtgaagatgc ttggattcat ctcggttagc 600
 ccaaggaacg taaggattga cgctcgaagt tgtttcttga aacggtctgc ggttctcggt 660
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<210> 6382
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6382

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 caagaaacaa ggccagcatg tcgccggcgc tggcttcctc aacctgtcaa tcatcttcgc 180
 ctggttgtaa gtgtcttagt ggtccggggg acaccgggcc accaccccgc gtgcttgctg 240
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 tctggctccg cgccgtctct gagtacctgt tctcgcggc catcctgatc tacctcacgc 420
 gcaagctgca gacagatttc gggctagtgc agccggccat tcacaccaaa aagaaaatct 480
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 nctct 545

<210> 6383
 <211> 1041
 <212> DNA
 <213> Aspergillus nidulans

<400> 6383

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catgaatcca tgatatatat atttgaccta ttctgtttg ttagtttcta cgtgggtccag  180
tgacacaggt acggaagaa ccgactgaaa atggtttaga tttccccct tagatatagc  240
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aatacgacga caaagcgcgt taaccagaac ctaagaatca agtcgaattg cagaatgacc  960
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<210> 6384
 <211> 1395
 <212> DNA
 <213> Aspergillus nidulans

<400> 6384

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 caaaaaaggc cttgggggaa cgacccgggc ccaccattcc cggtaagtgc cctgggcttt 300
 tctaaggga aagggccata aaagcttggt ccctccgggg ggttctaagg cgatacaggt 360
 aaattaaacc ttaagacccc cattaagctt gtttaaattt cccccagaaa gtgcaagtgc 420
 gagcctgacc cccatgttaa gtaattggcc tttccatcga ctgcaacttg gcctatagcc 480
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 <211> 478
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6385

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<210> 6386
 <211> 577
 <212> DNA
 <213> Aspergillus nidulans

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 aatgagtata agaatcaatg tcgttccgag agctaaaggc gtataattag aggggactac 240
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<210> 6387
 <211> 456
 <212> DNA
 <213> Aspergillus nidulans

<400> 6387
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<210> 6388
 <211> 585
 <212> DNA
 <213> Aspergillus nidulans

<400> 6388

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<210> 6389
 <211> 721
 <212> DNA
 <213> Aspergillus nidulans

<400> 6389

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 gtcacaacgt agagatttag agattgtaag agggtagcga tgagatgaag ggaaaagaga 180

aaagaaaaag ataatgcgtg ataacaggcg cgggtgggct agtgctggta tgcgaagggg 240
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 catgggccag ctggaccgtc gcgtacagcc cataccgctg atccccatac caaacagttg 660
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<210> 6390
 <211> 913
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6390

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<210> 6391
<211> 492
<212> DNA
<213> Aspergillus nidulans

<400> 6391

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<210> 6392
<211> 660
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6392

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tatacatcaa ctaaattcat gaagaacaaa caagatgtct tttgtcaaaa atctgcaaca 240
agtccaagag cgcaccgttc acataacaac caaccgagca acccgagcc ttgctgaatc 300
acgcctcatc ctgcgcgcgc tccagaaatt cggcgaagtc gtgcacttcc gcaacgcgac 360

gcttttccgc acaaacaaca aacacctaca agacttaatg gtgagcccaa gcccggaatt 420
 ttaggcttct aaactcttga atggttggtt tgtttggcgc gtagggagaa ttcgaaggac 480
 aagccaaaac gaaatccatg ccgaatgcga aagctaatac atcttattcc attcgattac 540
 agacaaaggg agaaaacctg tcaacacaga cagcgaggaa atgcgacggc gcatacttcg 600
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<210> 6393
 <211> 460
 <212> DNA
 <213> Aspergillus nidulans

<400> 6393

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 gtgaccgctg ccttccagag gcaacatcca gttgatccat accgaataat gggtcattcac 180
 cctccgaaca ccgaaccac aaggggcggc atcagagctc gaagctctgt tccttgctg 240
 gtgcattcca aagacccatg agggaagaat tctctgaaca aggacgtggg ttgggagagc 300
 tttgaagaac aaaacaccca tcccggagtc tatataatgg gtgttttttc accacctgtg 360
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<210> 6394
 <211> 466
 <212> DNA
 <213> Aspergillus nidulans

<400> 6394

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 cgtaagggtgc cacagtgtcg gaaatttgct gcagctgacg atagtactct aggcggttat 180
 tcatagtgtc tcgaaacatc tatacttccc ttccaggtt ggacgcaatc tttgtttgct 240
 ccgtagaaat gtccgtgacg ttcttaagca cttttgtgag gatttcaagc tcaccgcgag 300
 ctcttggtgct cccgtcggtg gcctgccatt ccagcgagga cccaagacta cgaagttcag 360

caatagcccc gcgcagagag ccgaggtcgg ggccaggttt tacttcattc cgtcttttca 420
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<210> 6395
<211> 889
<212> DNA
<213> Aspergillus nidulans

<400> 6395

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tgattaacct ctgccggctt ttcccagagc gcccagtgcg aggcattaac ctgctttgtc 180
gtcagctgcg gtatggcctt cccattccc ttgcccaagt gcggcgagg ggcagcatct 240
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tcgtcatagt taatcttgcg ggtgcggtac cagtttactg cggaattagt aagtttgtgc 360
catgagaatg aaatgggaaa gcaaggaaga gcgtacgagg tccacgaagc ccatggcggg 420
cgaattcca ggcgtagtat tccatttctt gtgagcaggt catgtcagag cctctcaaga 480
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actcatctta cgcttttatt ttttcaaatt tacaccttat gacataaagg cggtctttct 600
ctgcgtttcc cgcctaagtg aatcagaacg gtattgcctc ctgctttaca gactttcatt 660
tcccgtacca atgtattgac ccaaaggggc ccttagaacc ttttaaggga tgtttttgag 720
gcggcgacgc cccacacgaa aggccttttag tgtggcaggc gccccgcggg gagctttcac 780
gtgaaggatt ctacgggaag cgcattccatg tccagattta gccgtttgga tttttctacc 840
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<210> 6396
<211> 1132
<212> DNA
<213> Aspergillus nidulans

<400> 6396

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gtggacttat cgtctgacag cgggctcacc aaggctctcg aacgctacgg tggcgtattc 180
 tatcatatcc cacgagtaag gacaacgctc ttcccgggat agtgcgagc ttatctctct 240
 tcgtatgcag aggtcgtcca ttggaaaacc ctcttattat aggcctgggc tcctcttgct 300
 atatctactc atccatctcc cggcgactcc tcgtcattcc agcgttttcc agctcttcta 360
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 catattgcca cgccagctcc ttggacattg cggacattgc gcatatataa cctgttgctc 960
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 gtttctttt ggtccaatgt ggtgtgttca gaccacccta tgcgccaatt gaccattgtc 1080
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<210> 6397
 <211> 505
 <212> DNA
 <213> Aspergillus nidulans

<400> 6397
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 gaagcaccac ccaaacccca caccacaaaa ccacaacctc aacaaacaac acacaaaaca 180
 cacacaccaa aacaaaaccc accaccccca cccacacaac aacaacccca accaaccccc 240
 accccaacac ccaaaccaca cccacacacc acccatacac caaacccacc caacaccacc 300
 aacaccccca acacaaaaca ccaccccaaa accaaaccca aacaaaccca tcacctcccc 360

acaccaccaa cacaacaccc acaccaacaa cacaaccacc caacaccaac caccaccccc 420
ccaccacccc aaacacacaa aacccccacca acaaccaaaa ccacccccac acacacacac 480
cccaccacca aaacaaaaca cccca 505

<210> 6398
<211> 471
<212> DNA
<213> Aspergillus nidulans

<400> 6398

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gcactagaga gatcacaact gatagaccac aacggagaac atgacggtta caaggaggga 180
atgcaaccac gagcacgtga ccaggctata aaaaaaccaa aaaaagacc acaaatgctg 240
tggcagcata aggaacagat ccccgacttc caccctaaac cagacctgct cccccctcg 300
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acaaatcaac agggggcaaag tggaaccccg tacacaaaa cccgcgcccg cgaggaataa 420
gccaaaacga acaaacgtgc aaatcacccc ggtggaaaat aaccaaacgc c 471

<210> 6399
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 6399

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caatctgtgt atcaggagct ggtgcttcat tgccagactc ctgcctggc atggtgatgc 180
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ggataaaatc gtcttcatcg tcaacacct ctggccgaga tgtggagtaa tttgtaggct 360
gctgcaaccc gaaatctttt gcatcatccg ggagagattc ctctcagac tcttcgccgt 420
cctctttctt ttggccgcc tctgctttcg cctcgtaacg tcttcccacg cattctgcaa 480

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<210> 6400
 <211> 986
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6400

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 ggccgacacg ggggctgaga tacgtgcttg atagtgccaa ccattggtcc aagaagaacc 180
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 gagaaacaca tgcgagaaaag actgattgga tataagacgg tatctaccta atgcacccaa 420
 ttccgtatag gttttaccgc gcgaaaatca catatccgcc gctgtccgtc agaaaaatgg 480
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 tgatttgaaa cgagttaaga atgtaagcac tcgtaagcaa gcctagggtg ccacccgacc 600
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 ggtgcacggg ccggaaaagg cgcaagcgtc gaagtgtgct ctgtcttagc gtgaggtcgt 900
 gtggcggttg gtgcaagtac cgcacttaag gtgaggagga gtangaatga cggcagctc 960
 attggttggc agtgtagctc aacgtg 986

<210> 6401
 <211> 983
 <212> DNA
 <213> Aspergillus nidulans

<400> 6401

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gtggaagacg agggccacaa cctctccact cgcattctta cgaatctgaa ccggaaaccc 180
tggaaggaac gacgtcgcgt tagcttcagt cacacaaaat ggtcctcatc ggaaagggcg 240
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tcgtaatgcg ctccgtactc gagtactcaa cagtttgccg attttggaaat agggggtctt 660
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<210> 6402

<211> 592

<212> DNA

<213> *Aspergillus nidulans*

<400> 6402

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ataggatatg catatctgac agcagcagtt gtttgcggtc atgtaatgag gacagaaatc 180
taagccggtg atagtacaga agttgatatc atgtcgtatc ccaactcaac atccaagcaa 240
gtcaattcat tgtataggcg gtgaagattc tctcaagatg catttcaaca gtcagtaatc 300

tagctcagaa ataatctaaa tcgttagtcg tatcggtgaa acaattatcc gggaaccatc 360
atcttaaagc tggtcattat gcgctcgtgt cccaggtgca ggggcaattg tagcctcagg 420
gtataacggt cccgttcccc acgtggggccc ggacaccggc tgcgtctgag actgatatgc 480
catcccaggc tcatacgtcg ggagctggcc gcctagactg ggattatgag ttcgggtata 540
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<210> 6403
<211> 559
<212> DNA
<213> Aspergillus nidulans
<400> 6403

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acacaacccc actaaccccc cccccacccc accccaccca caccacaacc ccaacacccc 180
accaaccccc accaccaaca ccaaccaccc caacacccca accaaacttc ccaccacccc 240
cccaacacaa ctcaccacac atcaaacacc cccccctccc cccaacacc accaccaac 300
caaaccacac ccaccaccac acacaccacc caccgaaccc cccaacacca cccaccaca 360
accacccacc caccacaca ccaaccaccc accctaacac ccatcccaac acccaatcaa 420
ccaccacaca caaccccaga ccacccccaa caaccacca caaacaacac aaacccaaaa 480
ccccacacc aaaccccaac cccacaacc accactcaca caacaaccaa aaccccaaca 540
ccacccaac acccaacac 559

<210> 6404
<211> 969
<212> DNA
<213> Aspergillus nidulans
<400> 6404

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acataagcac atcttaccgg tcgccatata gatggcctcc caagctgtgt gggagaagca 180
cccgatacc gactgtgacg agctgttgaa actctcagat agtatgattg ttcttgccgc 240

ttcttgccgg gattaggagg gtgcattttg tccggttatt cgcccaaagg ttattatgct 300
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 aaaacctagt ctactagag taagttaata ctgtcgtcaa attgattgaa aaactaattc 420
 tggtagcggg ggtgatgtta gggaagacgc tactcaatac ctgtagctgg agctgcagtc 480
 tcaagagcaa taatggcacg gatagtactt ctggcgggca tttctaccag cgcaatgttg 540
 cccagcggct tactttgttg tgaaatcggg cgcagttaga aattttcacc tacaatgcct 600
 cagttatttg ctccaatggg ttttccactt gagaggatta acccaaccat acccaggtca 660
 gaaaggcttc ttataaaaat gcataaccta gccagttcca aacgcctcat gagcatcaga 720
 gctttgcata atcactcttt ggccggggcg taagtcattt aagcttgtcc aaataacaac 780
 ggctccttaa aatgctttta ggaattgccc ccaaactcct aatttccgtc ccttagtttt 840
 tgaactttgt ttgaaccaat atttttcttc ccataatggg ttgaattcag ttcgagccgt 900
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<210> 6405
 <211> 436
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6405
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 ggacggagat agatggcctt atgacgatgt gtgtctgctt ggctgagcta ggatgctccg 360
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<210> 6406
 <211> 548
 <212> DNA

<213> Aspergillus nidulans

<400> 6406

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catcatcaaa acggcagtcg gcaaagcccc ccacactcta acaaaggttc ctgatccaaa 480
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cctgtcgg 548

<210> 6407

<211> 998

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6407

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cctcctatct cccctttatt ttcttctctt ccttctctcc ttttctttat ctttctcccc 180
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<210> 6408
<211> 699
<212> DNA
<213> Aspergillus nidulans

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<210> 6409
<211> 737
<212> DNA
<213> Aspergillus nidulans

<400> 6409
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 aacagaatca aagactagag ccagcagctt ggagggcctt tatactaggg ctactcctcg 180
 gtectccgcc tctgtcctgg taccgatgca gtctgtaacg agagaccctt gccaaaggga 240
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 catttcattt gtcaagaaaa ggggtctaag aacctgatga ccaaagctg gagaatgcac 540
 agggctcaat ctcgagtggt cttacgtagc gcaaggacac tccttgacct gggatgctag 600
 gcggcagggt atctacccta cttacataga ttgagatgg actgaccagt gtacattatt 660
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<210> 6410
 <211> 549
 <212> DNA
 <213> Aspergillus nidulans

<400> 6410
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 gcgtcgggtt tggggccgag ataggggacc tgcgcggtta gagagtgctt ggtgccagcc 300
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 ctgatggaa tagtcggccg cctccagcat cagagccagc tgcgggctgg tgagctttca 420
 ccagtgtgta tgactgcgat ctagagacgg tttcaacttg gacacgatat ccaggacctt 480
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<210> 6411
 <211> 504
 <212> DNA
 <213> Aspergillus nidulans

<400> 6411

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tccggctctg atacaagaat gctgtgtgat gtaatcgact atccagacac aatcatgtaa 360
taactgcaca ctgtgattct taaggtagca tacacggttt gacactacc cgctgtccct 420
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<210> 6412
 <211> 798
 <212> DNA
 <213> Aspergillus nidulans

<400> 6412

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gagaaagact catgatttga gggcaagctt tacttccatg ttgagtcccg ccgattgtat 720
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<210> 6413
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 6413
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tggccagtat tatattcaaa ctctactcta cgtattgtac ctggcattgt agtgcataata 180
catgctaata acattcctac taacacagga tgaagctgaa cctagtagag aggggaactc 240
tgctagccac aatgcaagta cgctagggga acaaggaggg aggaggagcc gatattagga 300
attgcaaggg ctactgatta tttaatctga caccctgagc aaagctagta agtagcttat 360
ggatgaatat ttctgtggta gagcaaacca tatcagcaca gaagtcttta gaagcatgtc 420
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<210> 6414
<211> 743
<212> DNA
<213> Aspergillus nidulans

<400> 6414
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tcaacaacca gcacagtaag aaacagtgga tccgccctcg aaaatgacgc ctttcagcat 180
tcgtccgggt aattattgag ggagaagatt gttgacttta accggataat cagggttgcg 240
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agtactgagt gattgtctcg gatccccac aggggtgaaac aaatgacccc ttcgtggggg 420
acaagccccg tggcagaaaa gggcaatccg ttgcatacag cctatttaag gttgacggta 480

ttcaggcatt tcagctgaga ccaacaattt atacgaactc ttcttgcac tcattcttgac 540
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 ctttgtctgc tccaggggtcc tgcgcagtgg ggcttccgta acgttcagct ggcgttgact 660
 gcccgttcgt gacccaaggc ggtgtcatac taaggactca ctggggcccg tcattgggagt 720
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<210> 6415
 <211> 785
 <212> DNA
 <213> Aspergillus nidulans

<400> 6415
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 tctgccctat tatccccaaa gaatgggtcca gactggatga agtgagcttc ttattagaag 360
 tcacgtgct aagagtaccc atattatcaa ggcactatgc accctgacca gcagcaggtg 420
 cgtaacggag gacgatgggc ccagatctag agccacacta cacggaagct ggggtttaaa 480
 aaaagaacag acaatgcagg aacaacagtg aatgaattag aatgatgact aaaactataa 540
 tcagacagcc tcccagtggc aagtaaagcg tatcgatgat acggagcaga acgcgcagta 600
 aagacagtac gatggaaaag agagagcctc ccattttcgc aacatgaccg taaagttagc 660
 caccagtaa tggacgaggt ataagaacat ggcataaaaag gcagttaaac gcaagaaaga 720
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<210> 6416
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 6416

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catgcatctc ttattggcat tggccgggct ggattatttt catcctgatg gcaaccctga 420
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<210> 6417
<211> 501
<212> DNA
<213> *Aspergillus nidulans*

<400> 6417

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taccagtagc gaagcgctgg ctaagatatg cacagaaatc tgcaacctcc gccgagcggt 180
cgtcccatat aattagcagt aagacgatca ctccagtcca aggaagccaa ccgttgatc 240
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ttatatccct acaaggtacc atcaagaatc tggaattgac gtgggtttgg gcgactactt 420
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<210> 6418
<211> 1135
<212> DNA
<213> *Aspergillus nidulans*

<400> 6418

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 cctggtgtgg acagggacca gctccaggac atcaccttcc aagtctgctt gggatcccg 240
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 ggtcttaaag ccttttatgg ttgtgtcctt tttatcatct atcttttcta ttgtattatt 1020
 tctttttctt gctcttttat tttttttccg ttataacttt cttctcctta ctttagttct 1080
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<210> 6419
 <211> 663
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6419

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 gcatgggctc ccgttggcgg gatgaataat aggtgggtga gcgtcccgaa gacggcagtc 180
 cgacactgac agactagaca tagctcaaaa gtcaatccta tggcttttca tgaatcacga 240

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<210> 6420
 <211> 645
 <212> DNA
 <213> Aspergillus nidulans

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 cccagccaac accgccagac ggacaatcga cgccacagga aagacgacca gccaacaccc 180
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 ccctaacca ccccccccc accgaaacca ccaaaacat caattccaca caccaacacc 480
 ccacaaccac aacaccaacc acccaccacc acaccacaa aacaaccacc ccaccccccc 540
 ccacacccaa acaccaccac cccccgcac caccacac gcaccacaa ccacacaccc 600
 aaccacaca accccccaa ccaacacca cccacccaa ccccc 645

<210> 6421
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6421

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cgccacttac acatggggct aaaggacgca gctgcaaagc actgctcact acacgagaca 360
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<210> 6422
<211> 717
<212> DNA
<213> Aspergillus nidulans

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<210> 6423
<211> 1005
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6423

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6424

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tctactagcg aacatagtgt caggtctatg gcgcgttgac cacattacct actacagcac 240
cgacagatat ggcgagctgc actacacctg cagctacatg ctgctattgg tcaatctcgt 300

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aagacgaact gaggttgcga cggaacact gagcagcact tcctagctag actgtaggat 420
atttcacga agcgtaccaa aggcacatcc aggcgtgtccc attggcctgg gactggacgg 480
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<210> 6425
<211> 937
<212> DNA
<213> Aspergillus nidulans

<400> 6425

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<210> 6426
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 6426

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cccttccaag tagttgaact ggcatttctc tgagtattca tgttcttaaa acgtggacga 240

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tggaacagtg gggtttactc aataaggctg tataggatac ctcaatgctg gcgctgatca 360

ttttctcact agtactgaac tttgatggac aggaggctct tccatccaat ggacaacatg 420

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<210> 6427

<211> 665

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6427

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ccccatgaat catcaggcac ctcatcgaa gcgcgaagcc aaccctctcc agcaggctga 360

ctactactgc gtaggccaac cttgcaccag tggatgatgt tgtcggttct tgggctgccg 420

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aaaat 665

<210> 6428
 <211> 511
 <212> DNA
 <213> Aspergillus nidulans

<400> 6428

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<210> 6429
 <211> 618
 <212> DNA
 <213> Aspergillus nidulans

<400> 6429

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 aggtagggtg aagcagggca aggtctaaga aattccgttc gagagtcaga agaccagaa 180
 gccaaagcag gagagggccg ttcgcggggc aatacgagga gaagagaaag cagaagaata 240
 atatgcactg cggcaccggc ggttaagctg gactcgaggc tgcgcgactg cgagaccgcg 300
 aactagacc gaactcaatc gagcgatcca agtcctcgac caagtgcact acccaacaga 360
 gaatgcggag acgatctgcg ggaccgtccg cagcgctcaa tcaagggttc gctttagcga 420
 agaagaggac ggggcttgag cctttcgaag ggaagtgacg cctgccgata gaatgcagag 480
 catatagtag gagcaggatc tcgctgcat ctcgatcaag gcgtgccgac gacgctgaca 540
 ggttcaggat acggagggat gcagtgatgc agtgatgctg atgcaggtgg aacggggcct 600

cgtgctcaac gccagca

618

<210> 6430
<211> 551
<212> DNA
<213> Aspergillus nidulans

<400> 6430

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aagccaagcc cggcctcggc aaaaaaaaa aacaaaggag gcacacaagc cccaagagga 180
aacccaaaca aagcaggcga ccaaccccc ccagaaccac ggacgagaca ccccgaggag 240
cgaaagcaac ggcaagcccg aaaaccccg cccaacagc caggcaaacc cccccggaca 300
accaaccccg aaggggccaa gacacgcacc ccacctcaga caaaaggggc ccccaaaaac 360
cgcaaaccga caagaccccc agacacacca acacgaccgg gcaccccccg ccggccaaaa 420
aaggcgccac accagaacac ccccaaaagc caccgaaggg gaccccgcc acccagaccc 480
acggacccca caaccaaaca aaaaaaaaa gccggccaac aaaccacca cgcggacccg 540
aaaccacccc c 551

<210> 6431
<211> 575
<212> DNA
<213> Aspergillus nidulans

<400> 6431

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acagatcctt ctgactccag agagacgaga aaaagaagca cgtgcgggtg cttacgcact 180
acggcacgta aatcctttcc actgccagct aggtggcagt ggtacctttc gcatatggag 240
tctgaagggc aataatcagt gaactaaagt atagcgcaag agtcactgcc agaatagcca 300
ctttagcaag gacgctagaa ggcgaatccc aacatccgtg cagtgaagat catcgggggt 360
tgctaacggt gactgaagga gggatatacg taccaacgta acacgttgca tgtaacctcc 420
cgtcccagcc aattcggtta attatgacag gtaacggtca tcattctctg tgtactacac 480

cggggtgaaat agtcgctagt cgagtctagt aaatcgggtc cttactattc gaggctagcg 540
actctgtcaa cgtcagttgg gttggctagc caggc 575

<210> 6432
<211> 1008
<212> DNA
<213> *Aspergillus nidulans*

<400> 6432

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ctgtaaccga gtctgtcact gaaaatgctg ctgaagccga cagggtagaa cctgaagttg 180
tcgagccgtc gaaggacgcg tcccccgagg aagtcacga agagcctgtc gcagaagcag 240
ctacagaaac cactgttggt gaggaaaata cgccagctac cactgaaaat gagcccgctt 300
ccatcaagga agaggttacc gaaccggctg agccagtgat tgatgaggcg gcagttgaag 360
agccagtggc cgagaaaccc gggcgcaatg ctctgcaat tgaggctggt gcatcaactg 420
ttccccaaga aacgagtgag gagttcgaag ccccttcaa gccagctgct cttttggacg 480
aagcagccat tgtcgaagct cccgcagtcg catctgagga gcagaaactc gacgaagtca 540
gcgcatccga aatccggccc gagacatctc agcaagctcc tgaagaaaca acgccggtcc 600
ccgagaaaga acccactgct cctgagccag ctgaatcaa ggttgaagtc aaagacgctg 660
aggtgcaccc cgtcgagagc gtggctacca cggaagaaac aaccgccgaa acccccaaca 720
ctttggttgc tggtgcaagc caggaagacc cgacaggtcg aggagagaaa gtcttaagga 780
tgagacagtt tcccgcttg ggtatagttg gccccttctc tgcgctgaaa tgagtgttgc 840
gagcaccgct ttgccaaga aaactgacaa ctcttgaaga agcgggttgg caccacccga 900
cttaagattc accttctgca acgagaattt atttaaacgc gggttcccta ctgtcttgtt 960
ggaattaggc ttaaaattaa tacttcaaga ctttttaaca aaatcagg 1008

<210> 6433
<211> 607
<212> DNA
<213> *Aspergillus nidulans*

<400> 6433

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 gccaaatttt aatataacta aataattttt ggagtcatag taacagtttg aataaattta 180
 gtataaaagg ttaagcagag tatgcagctt gcttgtagat tatattatta gactttgaat 240
 tagtatacct gcctagtaag ttaactagaa tatecttatt attagtagaa caaggcttta 300
 aactatatat atttatagat tagaagaccc ctgtagagct gtcagctaag tctactagtt 360
 atagtaaaat actaagtata ggaaaataga aataggatgc ctgggagctt gcaagggaat 420
 atatagctag attataagaa tatataaagc agaacataga ctaaagatat ttataagttc 480
 tttaggtaga taattaaatt attctaagta tagataattg gaacttagct gcccaaagca 540
 gagctagctg atagatacta gcctattagg gatataaaaa aatagtactt tacaagctga 600
 tctgtgc 607

<210> 6434
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6434

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 tccatggata cggttccca acatcatcaa ttgaaagaca tgggacgacc atctttaata 120
 tgtcaatcac gctgactgcg gatggtgagt gggcgaaagc tataactgga ttcggacgca 180
 gacaggatat gatcgagaca tgcatagaac acggaacata cttaccctg ggctatgcc 240
 tcatatacag gacagtgcag accctatggc agaagactcc atttcagatt gcgggatcgc 300
 gcatttgagc gaacgatgga cacatcccag tcaacaaccg acgtatctta cgcacaaact 360
 ggtcactgaa caggcattgt cggactatca tgcacaactc ccagaccgag gctatagctg 420
 ataccgatca tcgtcagcga caaggcacta ccgtcgccat tcgcgagcac tactcgatcc 480
 ttaatagcgc tagcgatgcc actggcggat gctttgtact gaccaccag gagagag 537

<210> 6435
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6435

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 tgtacggctg ttgctgatcg gcagctgcgg aggtgggctc gcgcgcaggc gggcgcagga 120
 tcgcgacggg aatgacgata ttcgggccgt catgaacgtg aatgtctgtg gaaaggccag 180
 agagcagcct cagatcggac atgccctcgc tctgcgacga aaatgtaaac ccgcgacgga 240
 gcggtgcagg cgacggcggt ccctgccaaag acccgcggtt ggtgctgcga cgcgataacg 300
 cagcgggctc ttcgccgtgc aggtcgatgt cgagaaacgc aaaaatgggc gtacaattat 360
 ttgagtggct ttcgcttagc tccgcaagtt tcgtgacgag cgacgcgccg gcttgacaga 420
 gatacactat cgcgaaggag acattagcac aaaacatgca gttcgnctt atgcnaaaga 480
 catactttcc cagcgacgcc caatggactt cgacatncga cccgagtgc tcggtttcgt 540
 ggggatataa ggattcggcg gagagccttg atacacccaa tgtttgactg gatacagatc 600
 atatagatg 609

<210> 6436
 <211> 1074
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6436

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 ccctgagctg ggtggtggtt attgcaacgt tcattatctt atcgcatcta tgacgtcttt 120
 tctacgaagg ccccgagggt caggtcgaac cttgaaaatg tactgtactc cataggtggt 180
 ggttgatatt aactttgtga ctgactccag acaataaatc taaatctctt cattcattat 240
 actttgcgtt tgcgacaagc ctttcatatc gcataaccac catgtctgaa aaagcctcac 300
 aataccgact gaaagtaacc gcaggaccct cctacgacct agcaacacac caagagggtc 360
 cagtgaacga agacaaaact ctgcatactt gcaacgagca cgctgccact aatctgaccg 420
 tacggatcca gaattatacc ggaacgttac tagacttgca gaattaatct gtgcactgca 480
 ttctggtagg accaacttgg tggactcaca ggcttcccca acggcgcacc gggatcgaac 540
 cttacttcg agcaccctga tccttcaaag accagactcg agctctttgg atagctttaa 600

gaagccataa tgggacatct cgtttttgaa acgacttcac cggcccccg tagatcccc 660
 tgctaaacgg gcgctctgtt gccatgcaat gtcccacctg agggagcacc cgcaaccgac 720
 tcttggcggg tggcaactga aacttgggtg aaaaaggaat tccttctcag gatttaaagg 780
 ggggggtctg ggttcccaa gcctctaact tgaacccttc taacagtagg cgggggtggt 840
 ttctaagggg tgatctcctt ccatectctc tttcctctct ctagttttgt tgtgttgctg 900
 gggagcactc ctttaacttg tcatccatcc ttaatattaa ttcattatcc accaccatct 960
 ccctctagag gtggtttcta attggatatt tcttcacca ctactcactt ccctatacac 1020
 caatctcaaa tgctnattat aactttatcc tttacccatc tcattctcct gtac 1074

<210> 6437
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans

<400> 6437

tcagtaccag gttctcggtg tgtgtacctc cttcccgcg catcaggtag cgaaggaaca 60
 actatttctt catacagttt catgtgtata gtcgattcga atctacttcg cgcagtacat 120
 tcattcaaaa tggacttaat acctgctctg gaacggacat tacagggtca ggtcaagcca 180
 tgtacgttct gcgttgcttg cctccacata cgattgcgtg aactgacatc tccggcagta 240
 ttaacaaaat gttcactcgc atcgataatg gctggccagc caacgaatcc acgaacgaac 300
 aatcccatcc gtcccgactt ctttccccca ccaacaaccc tccctctccg tcaactgttcg 360
 cacaacgaag actccacacc catcgacgaa acaagctgtc tgctctccct cctctcgcct 420
 ctctccggcg tcaagcggaa caaagaacac tatatcctcg cgacggccga cccgccagcc 480

<210> 6438
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6438

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 caaaacaacg aagagcgcga ccaaaaggca caccaggagg agaaccagc gcccgccagg 120
 aaacaacaaa ccggaaaacg aaaacgacaa aaggaacaag gcacaccgca caaaggaccg 180

aacagcccaa caaggcgacc ggcgggcaca agaaccacca ccaggcccag ccgcacccac 240
 agacgcaaaa ccaaccaaaa ccaccagcc cgaaccgaaa ccaccgcaac caacagaaac 300
 aanaccgga cgaacggccc cacacacacc gcaagncaaa gaaaaaggac cccccaaga 360
 aggccccga aaaaaggaa cgcagaagaa aggacgcaa acgaaccca aagcccaaa 420
 acgaaaaaca caaaaccggg caagccccca ggaccggaac acaagacagc gccaacgggc 480
 aaaaagacgg gaaacaccgc caaccaaaca aggagaagg ccaaagggcg ggccaaaaaa 540
 aagaaagcca aaggaagccc cagggacc 568

<210> 6439
 <211> 764
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6439
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 cgatactcca gagacctagc cagataaaaa tgaaagtgga agagttcatc atatccaggg 120
 cgacgatttc acgggggttg atgccgtgga ctttcttgaa ccagggtgcca tatcgcaatg 180
 ctacggtata cgtctcgtgg aaagtccagc tgcggccatt gtagacaatg aacggccggt 240
 ctttcgacgc cgggtcgaga gcatagttct ccaagacata gaaaagggtc agacggtccc 300
 ggcgctgcgc gagtcgcgac ttgataatgg atttaaagag tccatggaag atcttcttat 360
 cataaaaaag cgagtactct gcgttcaggt aggcgagcgt agtcgcaagt gccggaccag 420
 cgagcgagag ggggatatct attgcacagt gagttagtag gtccattgaa attatgaggt 480
 agctaacaaa ccaagtggta atggaatgga catgactata ttgtgagaaa gtcaaggaga 540
 gtaaacgtaa tgggtgccgc tactcgaggt accgaccac ttgggagggg gacgttggac 600
 agttaaagggt gggactcact gagtcagga gccgtggtac tgtttagaac gcgaagcgag 660
 caatcgaaag gatgtgatga aggaaagagg cgcataatgg ccagccaaac aaagcttaaa 720
 gagcacgagg ctgtctagga ggctggacga tgtcaaaacg agat 764

<210> 6440
 <211> 1076
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6440

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ggtatgaata caaaaatggg gttttccata atggcctgaa tattagtcga agccgggagt 120
gttaataagg gccctggtac tcatacagac ccggagaacg ttgatgggaa agctggagca 180
gtaatcggac cgttgctggc cttgagtcaa tcccaggcgt cactatgccg ttctatttat 240
acaaaacttg agttaccccc tcgcaatcgc gcagatcaac ccctcaactg tcccgcagcc 300
cgttggagaa acccaacccc acttgcagag ggggtcaaagg aacatagcca ttgctcttga 360
atttcgaatc ggaagtcttc tcagtgtgtg cccggtcggg cccggcgggt atctcactat 420
cccggcaagc catggtgagc accactgcct agaaaacatc catgattgac catggaagaa 480
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gcttaccttc ctttgggagg gacaaggtag agctggcttt atatgccc aa tgcgaggagc 600
cataggccta caaccctagt tcccacaact gacgcttaaa acagctcatt gactgactca 660
tttaatcggg aattccatct gagtagctat ggagagcgac gaattcatta tcaattggca 720
catcacttta caaggagatc gctagatatg cgttcgtata tttcgaggag aatacgtaga 780
ctgcggttat accgaantcc gagctttgca cacacaactt ccaggagaaa cctttctctc 840
cagctaagat gtacgcagtc tctctaccta caggctcagg agaactggcg tttggaacta 900
taggcatagg ctgctcaatg gtagtggaa ataaacgctg cgggatcact cgacagtgtc 960
agaattattc agctgtgcaa gcctgatcgt gagagagcat gcaccagagg gctggtcaca 1020
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<210> 6441
<211> 580
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6441

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cagaacgatc gtacttcaat tctgtgtggt agctagaggg ttgactctcg acgcgtcct 120
tttcatagat atcaacggtg cctggattaa ggataaatag attagctccg gaaccaatga 180

ccaagtgtcc	tgccatctga	tgcaccagg	aacttgctgt	ccttttacat	ccacaatacc	240
gagacccata	gtgacaacca	agacagactc	agctaggctg	ggctagacga	gaggactgcg	300
aattgcccgg	tggcctaacg	acccaattat	cgaccggttt	cgtaattaag	ttcagttgat	360
tgcgggatta	agctgagaac	atataggcgg	aaaagaacat	gctgcagcag	atgctgatag	420
ttcactcctc	agtggttgtg	ttgtcggagg	gggtcaaaaa	ttggattgag	gagaggcttg	480
agggtagaaa	ccaacaagat	ggcgcagcga	aacgcaagga	cgactgtca	aactcactcc	540
tcaccgagaa	ggttctttga	agtgaatatc	gacnagaatg			580

<210> 6442
 <211> 1109
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6442

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cccagtaagg	ctgaatccca	gctcgaagct	agcccggcga	ggggcgctgg	ccccgggcgt	120
ttgcttcgcg	taagccgaag	agcccgtcct	atgcagacac	tatgacacta	cttaccgtga	180
atctgaacct	gtgtcttgct	tttggcacca	cggtcactct	tgtctacgct	atatccaggc	240
aatcctattc	agacaaacac	ccctcgattt	gcagtagccc	cttcaacgtc	gtcgggtttt	300
gaactagaaa	aatgcgcaaa	ttcgtcaa	ttctgggcgg	cgaaaagaat	ggaggttcct	360
accacagcat	ctgggccatg	ccagctccgg	aatcaggaac	taggggtgga	gtcacaaata	420
cgaagaaaga	gaaaacgagg	gagactcgtg	agaccctgtc	aaccaagaaa	ccccagtcga	480
ccatgcacat	ttcgaaactg	aaccagcttc	ccctggcaga	actgagcagt	tctacgacat	540
cgacagtttc	agcgcctacg	gaccgagagc	ctgttgagtg	gagcttaccg	ccgtttccaa	600
agcacaaggc	taggagttag	atggttgtag	gacaacgggg	caaactgagg	tttccattga	660
agtgagaaa	gagacacatg	gagaggctgc	ttgttcaact	ccacaaccag	gctattattg	720
tccccccctc	ccgtccgtaa	ccctgtgtgg	gcgcgacgaa	ttcctgttgg	ccgacaacgg	780
atatctcccc	tcataattct	agccaaaagg	actgctggga	taacatttct	cacccgcctt	840
gccagatacg	gaaatcccgg	atttctcacc	caggggatga	ccttatcgga	gcggaaccgg	900

gcgggttcac cctaataccc cttgaaaacg cccctcccca cctcctcccg gggggggggg 960
gataaataat atctcccctt ccctacatac aaccccgccc attcctacac cataccctca 1020
nnnnmntaca tctccttg c taaacttaac actttcccct tctaattcta tactctcccc 1080
cttatcaact cccctttttt gtaactgac 1109

<210> 6443
<211> 506
<212> DNA
<213> Aspergillus nidulans

<400> 6443

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caaacgccat aaaggtcgtg taccttattg gggggagccc cgagcatttg cgccccacga 120
ggatggggca aaagcatcat cagcaacgac actgctactt ctctgccgac atgtgtagcg 180
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gcttgtagatt cttatgggag tggccactgg gcttgctgcc cgacaaggcg cggatcgctt 300
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ccccccccta tgccccttgg gggagaggcc gcaaaccgag ctccggtgga ttaaagggtt 420
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ctctggccca aagaggcagt ttgggc 506

<210> 6444
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 6444

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catgggccat taacggatgt tctgaaaggc tacgagcgat tgtatcgact gaactgtata 180
tagcttcaaa tgtaagttct tgattgacaa gacaagcctg tgtgcggatt gatagctgat 240
catacactgg caagaccatg taaaacgatt cttccgcgat caattacaac gttcaacatg 300
gagctggcgg gttgtctagg gagagattgt tggatgtctt attttcaa atggcttcga 360

cttghtacca cactctggtg tttggtgctc gtatctttcc tgaggtcaaa ggcccattcg 420
ccaactcaag tgcaactggc ttctagttaa ctgaaaggg ttt 463

<210> 6445
<211> 528
<212> DNA
<213> *Aspergillus nidulans*

<400> 6445

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ctatatacac atctcacgtc tgggtgcagca ttcgatctag tctcgggcca gatgcgacat 180
gtaaagacat ccacgccatt agtatatgcc acaggaaaca agcctttctc ctgctcctgc 240
ccagcaatat caatgtcttc agcctcctca tcgcttttca gtcggattct tccaataaca 300
tcgccttcgc tcggcttcgt cgtgttcgca ttgaagaaga caatctcccc tgaggaggcc 360
agtccagtcg caatagcagc tacgcgggtt gcaccctgc ctttccaagg cgacaatcga 420
gtgattctct gatacgtctc cgtagaacct tttgaccag ccaccagttt aaatactgac 480
ttcctagaca gtttgacagt ttggcctggt gtcttccatt gggagatt 528

<210> 6446
<211> 636
<212> DNA
<213> *Aspergillus nidulans*

<400> 6446

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ggatagacgc tcgcgtcagg gccgtgatcg acgatgaagg ctaggaacgc gagaccaca 180
gtatgcggca tgaaaccaac gggcgcgagg gaaagaataa aacacgcgga cagaccaccg 240
atcggcggag aaaacaagat gtgaaccgtc gcggcgagcg actagggaga ttgatatttc 300
aatatgcaca tcattggtac tgggcagctg tggttgcaat tgcgggtaaa cgagagatc 360
ggtcgcggac tccaatgaga ttgaaaataa tgcctttttt ttatgttact gaggctgact 420
gtacatgtga cacagaattg tacaacctcc cactcgactc gagcacggag ttgtgagggg 480

tgcacggagt tacacccatg cagacaggcg tctgagaacg tcgtaggctg ggaccgctca 540
 ccttggcgga taaagatgat catgtatgac gattggcaga aagcacatat caagaatact 600
 gtgattctgc gtaccggact agagcgtact gacaca 636

<210> 6447
 <211> 619
 <212> DNA
 <213> Aspergillus nidulans

<400> 6447

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 atcgggattt gatgaaagct cgctgctctc tgccaatctt tggttccagt cctcgacgga 180
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 gacgacctgg gtaccccaaa cgcacgttgt cgatcactcc aaactctata agcgcagctc 540
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<210> 6448
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans

<400> 6448

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 ccacaagcag cgctggtgag cgctttcaag cttgagccaa gtcacgaag agaagaaaga 180
 actatagggc taatagatat tgaaagtggg cgacaggctt tctggctcag cacaaggcca 240
 tggaagtatg taatctgtag caaattctta tggtgctcct ggctcttgag tgagggcgag 300

tcccaacacg aatcaacaag gcagagcttg cccattcagg cgacaaggca ctaatacaga 360
agcggagtgt aaggcacttt gccgattatt accgcgtaca ggaagggctt gaagacttca 420
ccggttctaa ttggaggata atgattcggg acaagtggat tcaaggcaat ggtaataatg 480
cctcaaggcc ttctcgcttt cttgagtcct ccgtccttat gagtgaacca ctatccattc 540
attattttcc tctgtctata tcaacctctc tatcgattcc cgtcgggttac cgactcctaa 600
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cgacagaatc cctgtaactg gccactttcg ggtccattaa aggccccctg atcaacgatt 780
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aaaaaaaccc ttcgtctcct 860

<210> 6449
<211> 815
<212> DNA
<213> *Aspergillus nidulans*

<400> 6449

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aagagcaggg tcccaaccaa tttttacca atgggtcaaa tccatccaat acaagaacct 600
ggggtaacca aaaaaaacca gggccccccc cttttaaaaa aaaaaaaaag gtttttcccc 660
caagcccttt tcggggccaa aacccttaaa gaaaaaaacc catccaacgg aaaggggggg 720
gaaaaaaaac gccttccctt ttagaggggg cggcggaatt ccctcacccc ggggggaaaa 780

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815

<210> 6450
<211> 738
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6450

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ccgagtccat atgattggaa gaaaatgtat caacacggca aaatcggcag gctgcaggcg 180
tggagttcct atataggcag cacccttgcc tgggccaaga aactacttat ataagtccaa 240
tgaaggccca ggacttgaca cgaacaactg attgattgat ttacctgtcc atgtctagct 300
gctcccggga acctgctgtt cttcctcgaa gccatcatgt gtggaatctc agcagttctc 360
agtctcagtg aaggtagtat ctgccctcaa gctctagcta gtcagatgaa tgaaagcctg 420
cagctgatta agcaccgtgg tcctgatgca agaggccagt ggctcagctc agattatcgt 480
gtgggttgag tggcctcttc gagaaatata aacatatggt ctaattgtac cgtcatttag 540
gccttggaac tgcccgatat cagtaatttg atctcaacct nggcggtaac cagccttcca 600
cgatcctgaa gcaccgttaa tgcgtcgtaa acggagaata tacgacccaa ngagtactgc 660
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gacatacgga tctctttt 738

<210> 6451
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 6451

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gggtgaaatc gaccggaata tctgggatgc gctcgtcaag gatgggaaag agggcgagat 180
cccaggaaac cattcggcgc ggtttgcgcc tgttatccag ccaacactca aggtcggggc 240
agaggcgttg gccgtaggtg ctttgacatt cttgtgccgg gaggattgat tgttagggca 300

aggggcagca ggtc gatg cg agtgctatat ttagagtatc tactgagaaa aatcaccgaa 360
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 taccggccac tccgtgtggt caaaaggagc actaggttca acttacaatc ccaatatacc 540
 aatttattta actgatatca atgtcagctc aaaaagaact aattatgcac caacctgaga 600
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 catcccatgt cctcaaaacc agactcta at cccggccgtt cattttttcg cttccacttt 720
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 ctaaaatgcg cggt 795

<210> 6452
 <211> 634
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6452
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 aagatatata aaaaggtaga tagaagaact agagaggtaa tagagaggaa acgaaatatt 180
 acagaacagc atcatataac tagaaaaagg taaaagaaag taaaagcgaa aaagtggaga 240
 attcaaacca gtacaatagg tttgcttcca accaaatttc aagaatcgaa tgcataaata 300
 catactagga caactcattg ttctatattg gaaatatagc cactcaataa aattcagtct 360
 cgctttccgc atgcatctgc ccgatggcac atacctataa cctcgaaacc ctcgttcagg 420
 ctaaagcaca ctacagctgct cccaccaggc cagtgtttc cgatacccat ctcttgatct 480
 ctccaatctc tgccgtgttg aaacatcgaa tttatcctc cgggccactc ggttgagttc 540
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 cagcacgtgt ctctcaacaa catgagtcgc cgcg 634

<210> 6453
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6453

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agcagaatga acctcaacta gctgctgcac caacagctac tcccagagag cccagttcct 180
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cgagaatgct ggctgccaaa gccgctaaaa gctccccggc ctctgcgcca ccaacagatg 300
ccgcacaaac agcagcgtct gttcaaagca cgcttgcgac agtagagaaa cctacgttat 360
ccacctcttc gcaagatcaa tcagcaaagc agaaagagac acgtttgaga gaaaagaaca 420
aggcgcagac tgaactcgcg aggcaacgta tcgaacagct gaagaagcag gggctcatca 480
gaaatcttca aaaatcacia ataatgtag acaagggaca gaaagatgtc aggaagtcgc 540
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<210> 6454

<211> 579

<212> DNA

<213> *Aspergillus nidulans*

<400> 6454

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gccgtttttg ttattccaga caattccagg ggacggctctg agattcgttg cccatcgcag 120
gaaccgactc tgggctgcgg tcaggcagtg gtgatatggc cgtcgggttac agacgtgggt 180
cctgaccgga tagatcatag attaccggtc tcacaatgcg taaattcaaa aggaaatcat 240
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aggagagaag ggagaaaaga aatgattaaa gccgtcaagg catatgatca agaagaaatc 360
cgccaacgcc gaaccgagcc tgatagagta tgaaagagcc taaaaagcct gaggagccccg 420
aagagcctga tattcgatat ctggactccg aaccgtaggg acagtaagga tcgatcaagt 480
gagaatgcca gtttctcgtt aataccgtga cgagtcatcc gcagtcactg ttccagtcag 540
cccactcatt cactcattgt tttattgacc gaggcaaag 579

<210> 6455

<211> 602

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6455

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tgccccgtct acatccctgg acaccaagca tatagtaata ttatcgtgta caatacaact 360
caataatagt ttaccgtatg gtagttttta cattgcaggt gagcaaactc gccaaagcatg 420
ccgttttgcg aagtctggcc agacgggatg gaataaactc tggccacata tccctctaga 480
gaacgtgaaa gtagagaaat attatccnaa aattttgggt tgtatagctc taagtcattg 540
attaattgcc gaggtcaaca atgtcgtaa cactttcgga atagcattaa tgccccaaaa 600
tc 602
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<210> 6456
 <211> 589
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 <213> Aspergillus nidulans
 <400> 6456

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tacaaaacaa ttctggctct actaggtgaa gatgctgacc taaaccagtc ctgggtcacc 180
tggaactgtac ttggagcagc aatgtccatt ggaacgttct gtgacggaag ggttccatat 240
ctactgcca atgtactagc caccagccat gtgtgttctg accactgaaa atgcggctgg 300
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ttttggggtc atttacttaa atattacaag gcttgcgcta tttggagaga aatctcttgt 480
gtaggatact gatcagcatt tatcactgat tggaagatgt acagatacta cagctgaaag 540
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<210> 6457
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 6457
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 caaccgaacc ccgaggaaga cgaccgaccc cgataccac aaaggggagc gcagacgggg 180
 gccaaaccaa gaaaaccac aggaccaccc acacggacac agggggcccga agacgcataa 240
 acaacgggca aagggaacca tgacaacacc aactatctcg ccccccaaaa gagcaacaca 300
 actccaagct gaaacgcac ggccgatgaa acaaaggcg cacacaaaag aaccaacagc 360
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<210> 6458
 <211> 496
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6458
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 aacaaaatag agcccataac tgactcctcc catgacagta gccattatga accagtcacg 180
 ccagtcccgt ttcggagggtg tatccatcca gaattagctc actcattgca tcgcaattta 240
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 gatattccga tgctgctgac gatgctgctg cggccggtga tgggtactcg ccagcgcgcg 420
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<210> 6459
 <211> 1117
 <212> DNA
 <213> Aspergillus nidulans

<400> 6459

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cccagtgata aaattattca cgttgctgat cgagacctcg ctctcggtcg agcacgcttt 480
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tcccctatac tcatgtgac tttctccctt tcctaatacc ctttacaagc cttcgctttt 660
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tcttaacgat gcatctatat tttcgtgtcc tcatccaata acatatacct catctcttaa 780
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<210> 6460
 <211> 598
 <212> DNA
 <213> Aspergillus nidulans

<400> 6460

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 tgctatcggt taccocgcca agagtctaata tgcatactca acttcttttc cttttgcgtt 420
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<210> 6461
 <211> 978
 <212> DNA
 <213> Aspergillus nidulans

<400> 6461

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ttttaaacc taccgccttt ttgggggttg gtaggattct cctcccttat tatctccctc 900
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<210> 6462
 <211> 576
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6462

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 caaggaggagg gaaaaaagag acaaaaaaaaa cgcacaggca aaggtcgaaa aaaagcacc 180
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 nncaaaaaca cgcacgagaa gcaaaagccc cggcgacaga acaagggcac aacacacgaa 360
 cgacccggga aggaagaacc caaccgaaaa ggcaacaaca aggaccagga ccgacaacgc 420
 ggagcagcgc gagcaaacag gaaggaacac cggaaaccga aaccacaacc gaaagaagaa 480
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 aaaagagaac accnacccca gaagcaagcg aaaaca 576

<210> 6463
 <211> 500
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6463

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 gccaggaggt gcatacggga atggtgtgct atcgaagcct ccagcaggct cggacgagtc 180
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atacaaaatc ctcgggtctc tgactagaat ttagatactg catagctggg gcctctcaac 480
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<211> 556
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6464

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tggaagaggc tgatgatatt caaccccgca ccctgagta tgccatgctt cctgcatatc 180
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cgagggtac gcaaag 556

<210> 6465
<211> 513
<212> DNA
<213> Aspergillus nidulans
<400> 6465

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accagcaggg cgcttgcgag ggccttccg tcgtttttcc tcctgatatg agctctccaa 420
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<210> 6466
<211> 827
<212> DNA
<213> Aspergillus nidulans

<400> 6466

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ttccagatgc accgtgcccc tgcaactctt ccctaacaga aataccgctc cttgacgaag 660
ccttacagac agctgtggcc atgagaaccg catctaccct acgcccactg atcatttata 720
ccatttaccg gcttcgctca ttctcagct ccatagcaac catagcctga ggtcttaggc 780
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<210> 6467
<211> 957
<212> DNA
<213> Aspergillus nidulans

<400> 6467

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 ggtaagcccg caatcaggat gccagcaggg ctgaggtcca cttggtagca tcatgccgct 600
 ggcccattat cgagttatga tgtagggcat gaaatcactc gtctgggata aggcgagtct 660
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 gcacccccaa ttcc 734

<210> 6469
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6469

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 aaatcgtctg cctgcctcgc tgctttgaaa tactccggag gtaccaaagt aaagataaat 120
 ggttgactct gagagactgc tttgacctcc tggaccaagt cgtgcctagc cagaagggga 180
 gtgttcaatg ggctttgtga ggctactaag gccgcacgat acaccggaga tgcaaagaag 240
 tccgatacgg tcgtccatat ctgcagcacc tttattactg gcgcttttgc agttatatgg 300
 aggcgtttta tgattgcgtg ttcgtgaatc cgatgaataa tatctcatta gtcgactaaa 360
 cggggatgag gatggatgac tgctgggtatc ttgggtctcaa tactgtaata agcgtctcgg 420
 caacaccgta cggttgacaa tcctgggcag atggcagcac ctgtagaata aaaaaagac 480
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<210> 6470
 <211> 189
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6470

ctctgtcttt atatatcttg tattgtacac attttttata tttaaatttc tgttcgctga 60
 tcgggccgca taattcgact cactatacgc atcatggtgt accagttgtg attgttctca 120
 acccatcaat aatgtctgcc tatttggctt tctttattac tatgacatca gtgagtatat 180
 tttttatcc 189

<210> 6471
 <211> 602
 <212> DNA
 <213> Aspergillus nidulans

<400> 6471

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cagaaaaaga gacaaaggaa ccaagacgag ccgaggggccg agcaccacaa tgcccaaccc   180
gccaccaggc aagaacacga acgacgccgg cagaaccagg acagaaaggc cccaacaaaa   240
gaggcccaaa gggaaacacc caccaccgca agagccaggg gagaaggaga aaaccgacgc   300
caaagccgcc agccgaccaa ggccaagaa ggccaaaccc gcggccgcag acacgacaag   360
aacaccgcga aggaaccacg cacaacaaag ccaacggaga agaacaccga caaaaccaag   420
gcaggaacgg caacagacaa accgcaagga cacaacaaa aaggaagaac ccaaaacccc   480
aaaaggaaag caacgactca caaacacca gaacaaaaac acccaccaag aaccaccacg   540
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<210> 6472
 <211> 932
 <212> DNA
 <213> Aspergillus nidulans

<400> 6472

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ggcggagcag ctgcagcctc ggggtcggac tcggtttctt cttccactgg atcaacgtcg   180
taatagattt ctttcgcata cttgttgtaa caaagtattt gacgctgcac agatgtggcc   240
gcatcatatg cttcatattt ggaggcaagg gttcttcgtg ccattccacc caaagtgtct   300
gctggaccga tttccacaat gcgttctgtc cgcttttccg caagaatgac atcttgtgtc   360
tcaatccacc ttactggaga cgcaaactgg taagccagaa gctctaccag caaggtgtga   420
gccagctctt gttcaatttc aggccgcatg tcgctattga ctccgaactc tgctctgggt   480
  
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aatcgaagcc gtggattaat aaaaaaaaaa aaaaatgcgc aatcgacctt agaattcttgt 540
aagatggcag cattaagtcg attcagcacc ctgtacgctt gtcgtcggcg caagcagatt 600
tacattggcc aaaaaaatta gacgggaatt gttacagtcc actggaagac tcctaggctc 660
aacatgaata gcaatggaga ggaccgaagt acccaggaaa gatgagatta gaacccccaa 720
aatacaggat ttatgtgttg tgaaaaccga aaagaatggg agatgaaatg ggagagttag 780
agatccggca gaccgaaggt ccgagggccc accaggggga acacttaagt tttgtgggga 840
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<210> 6473
<211> 616
<212> DNA
<213> Aspergillus nidulans

<400> 6473

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attccaaatg ctgtgctttg gcttctccgc tttcctgata ttggcgaaca aaacctcagg 180
gagacggctg tggcatgggc aggtgaggag acggcgtctc ggattatctt caccgatgtt 240
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gagtgcaatg ctcatcagac agcaactgac gtcttatgga gcggcactcc actgttaacc 360
ctcccacgct acaagtacaa gatgtgttct cgaatggcaa gcagtatcct cagcagcgcc 420
ctaccgaaga ctgagtccgg gcaacaggcc cgcgaggaaac tgatcgccct ctctgatgaa 480
gattacgaga agaaagcgat tcacctgtgc tgcagtttat tctacgagcc cggaggcgaa 540
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agctcccttt ttgaca 616

<210> 6474
<211> 935
<212> DNA
<213> Aspergillus nidulans

<400> 6474

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 tgagtcgaaa gcttccggag aaccttccca tgaaccaact cccagagttg atccagagtg 180
 acgctccgga gccaaagacca gaccttcctt gtcacagcac acctaccgaa tccaaaagac 240
 ctctcaatc gtttaccgcc aagccagaag tccatcaaca aaccatcccc ccctgcacca 300
 tcacgtcccg ctaaatecta tgatccacaa agccggagcc gatcatccag ccaaaataat 360
 acttcaagct catcatcttc gccgctgata agtcagatgt caagaccgcg tataacagca 420
 gaacgacctg tcacaaaact gtcagctaaa ccaaattggag tggcgaggac acccgagtcg 480
 acaaactctt tgaagcgcaa ggctgactta gagcggccct caatccacag tgctagccgc 540
 ctgcatagtg atctggatca caaacggcgg cgggcagtga gcgcttcgag cggcagcacc 600
 gggagcgc atcgccccact cagtcgagtg ttgcttctgc gacaattgcg ggaaaagtca 660
 caaaagttaa aacaatttta tgccaagtat cgtgcactgc acgacgcaat ggcagcccac 720
 cctgaccgcg cgcgggcaga actagagaag ctacagaaac agcatgttcg cctccaacgg 780
 atgaagaagg aaatttggga tgaagatagg cgacttcgcg acggacttta aatgatttcg 840
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 tgtttcgaca gcacagttct ggtggtggtg ctttt 935

<210> 6475
 <211> 490
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6475
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 ccggaaacga ccgtggccag aatgaagtca ccgtactgct cctcttggtc ttccccgagg 180
 cgtgagagct ttgttggtta tgtaacggtc ccaaacaatc atggcacatc cctgacgttg 240
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 attttctcta tctcgggggc gtaaggaagt gcacgacgcg attaaatgag gctcttactc 360
 aggccgccag ctatgagtgc tgctcagtc cttacatcta cgttatttct gaactgcccc 420

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tccatttgct 490

<210> 6476
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 6476

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tcgtaccggc ctgtccagcg gatgtcacag gagccatatt ggcgattgcc gactgcggg 120
acgtcacaga cagtgggatg gtgtagagtc aaatagattg gatatcaccg caaacggtga 180
ctcctggaaa aaaatcaggt caatggggaa ggagtgattg aaaagaagga gaagacaaaa 240
ccgccggcgt ctaatgatat ttttttatgg ctggctgttt tttctctca ctgctcgtcg 300
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atcagcgaat cactgattgg tgtgagatca cgacatcgat gcaaacacct ttacgtcttc 420
aagacaaaca tacctgattg ggcaaagtgc ggggttcccg tgactcggcc ctgagcacgc 480
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<210> 6477
<211> 824
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6477

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ccgcagtgac caggctataa acatgagcgc ggacttcggg gtcgatcact tcaacagtct 180
gagcgggcac tgcttctctc atcacggccc gtgagtgtgc atatactcc ttcagtcgtt 240
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tcacgcgtta ggtcacgcgt cacgcgtttg cttgtggagt gtccggtatg cggaacgcgc 360
ataaactgaa aagccgcgta gccgaggata gccgatgacg ttagatcaca tgggcagcta 420
tgtctattgc acggagtaga atcgggggct cgagaggttc tctttcttcc ttcagatatt 480

gntcgnrngg nataattctc tcaattctgt ggttgctca gaatgttgtc gccggcactt 540
 cgtttacttt gccgcatagg cgcttcaatg cgttctcgtg cgtttagcac attttccgcc 600
 gttcatgctg ccgaggtcaa atcggtggga gtaataggag ctggacagat ggttggtgtc 660
 acgatatgac ttcttttgcc ttgcttaca ctttattcag ggactcggaa ttgctcttgt 720
 cgctggtcag aaagcccaag tccctgtgac acttggtgat tactctcatg cataactaga 780
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<210> 6478
 <211> 945
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6478

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 tccagagaat ctatagggcg aacagattgc aatggctatc atacgtcaga ccagcggatt 180
 tccaggcgaa gaccatcttg actatgtgag gaagttggag gtttcaatgt gcaagggaac 240
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 aggcacgtga ccaagcaacg tctaccaatc aatactctag gatatacttc gaccttgcta 360
 caagagaaat tcaagtaatg acatcgctcg gaaacctatt ttccagtatt gattgtttga 420
 atcatgatta gcgtctataa tctagtatgg taagatacag actatttggg agcaaaggta 480
 gcgcttacca taccatatta acctgaatgg atatgtactt ggaaagccat ataactgtgg 540
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 agttgttaca gtgttaggag cttaccatac ggttgcgagt ccgctggaga tgttggcata 660
 ctcttccaag gtagattcct ctctatcat tctcttcaat tctcattcaa gacttgtgct 720
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 ttaatccatt ggttctagcg cctccataaa taccgtatcg agttaaacag cgtaatatat 840
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<210> 6479
 <211> 597
 <212> DNA
 <213> Aspergillus nidulans

<400> 6479

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ccatccgcag ccgcgagcca tccgtctctc ctcttaactc gaactgtact ctgacggatg 180
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ttttcgcttt tagccgatgc gaagaaagct gctgccgctc ttgctgcggc aggaagaaa 480
aaatgacacc tgctttgcgc cgtgactacg ctccatacct tggactgaac cttttcgaac 540
tcaggacatt gtctctgaat aatctcgtc ttcgttccgc gattatatat gcgctta 597

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<210> 6480
 <211> 566
 <212> DNA
 <213> Aspergillus nidulans

<400> 6480

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gggcttaaaa gaggaagcg aacaaaagcg ggctgcaaag ccagagcggg caaacctcc 180
gcgaacggag gccgtaccgg aaccgcctga cagaaacatc ctcttctagc tgacagactt 240
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ccgataaggc caaatgctaa accgaaaccc aggcggccgg aatgggacac aggaagaagg 360
ccaaaacccc ttttaccaag gggcctaccc acccaaaaaa gggcgtaaac ccagaaacc 420
ccaaaaaac tggcccctat ctttggggaa aaaggcccaa aaaacaacc aaaggccccg 480
ggccgaaaag gccccaaaa acgggcaacc caagccccca acctgggatc cccgggatag 540

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ggcacccccca aaccaaaggg aaaagg

566

<210> 6481
<211> 406
<212> DNA
<213> Aspergillus nidulans

<400> 6481

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tgcactaacg ggggacatgc ttgtggatac tgaatgatac tactgggttg aggcgatgct 300
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<210> 6482
<211> 553
<212> DNA
<213> Aspergillus nidulans

<400> 6482

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taactggtgc ggggtcaaata cttcattagt cgtttagcgc atggcttgac tcggtgacag 180
cccaagtcta aacccaact gtttagggct ccgggcagct gttccgactt cagttcaccc 240
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atatgctgcc ttggctatgc atagcaccga gggacctttg cacttttggg ccgaccaccc 360
acgggggaag tggccattac aaaaggggag ggcaggggtt ttaggtagcg tttacacccc 420
ggcggtgacc catggggaag accccttttg ttaggacccc cgcggtgggg ttggaaacct 480
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gggggtcttt ttc 553

<210> 6483

<211> 507
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6483

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 accgctcggc tatacgaggc atgctcaggt tgaacggccc accggttaaa ttataagggg 180
 cacaataact gtcgcggtga acatcagact aagtcgcata aaatatactg cacatgatcc 240
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 ggccatgaag gactgtccta tacgacaggc tctaataatca atgacacctt ccaagctcga 360
 tgcttcaagc aatcgatgga aaagaatatt ggaagatctt acaagcttag aacgacgcgg 420
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<210> 6484
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6484

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 tggcgattag gtcgggaatg acaagaagtg ggcggataag caagaggatt caacggctat 180
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 tttcttcatt ctatcttctt ttgtcggctt ggatctttct cgcctatttc tatcttgtat 360
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 aatgaaacct atatttattt tcttttgagc cggtttacct attacctgta tctacatact 480
 gccccaacat ttcataggcc caaacggtt cttaactttg accacttttc aatgtcttcc 540
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<210> 6485
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans

<400> 6485

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<210> 6486
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans

<400> 6486

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cacattagga caacgtgatc gcatgccac cgcgaacata ctgcctatta ggtgaatgct 120
taacatgatg agcacctgga ctaccactat gacggcccgga tatgacggtc tgagacttag 180
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tccaacaata ccggccgtgc caaggggact gagggctctg acaactgtgg ccgttggacg 300
ctcgccgcca aatctggctc tgggaatggt gactgcaatg gcagacacgg atcgcccttg 360
agacctgtcc atgattgcgc ctcacctgaa ggatatttat atggccgagc gcatgttagc 420
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actgacagaa tgaataccgc ccatatgatc tggcccatga gcctggtcgc 530
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<210> 6487

<211> 415
 <212> DNA
 <213> Aspergillus nidulans

<400> 6487

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 aacgatacgc tgatcgatta cttatgagca gtacttgtag tggccctgt atgccactag 120
 cataagcgtg ggccaagaga ctgcgtaata cgagcataaa tatcacagct tgccacacgc 180
 agcactactg ctgaactgat caacacacgg gatgcagaga tatgaggatg acagcccatg 240
 gatacacatc caacgcgagc acaaagggat aacatgacgc cacacggttg cgatgctgat 300
 cgacgaccac agctagcagg acacacgagc ccggacacaa gaaaccggac gacagcagct 360
 acgcagcggg accgtaatcc actcaacgag catatacaaa gcggaggtct ctgcc 415

<210> 6488
 <211> 509
 <212> DNA
 <213> Aspergillus nidulans

<400> 6488

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 aagcgccgac gagtcattgtg ttcgacccca aacgggtgtt acatgtgttc tgaaacgata 120
 cctctcattc gccagtgtg accgacacta agctgacaaa actggatacc gctctgtgtg 180
 cgggactgta ggctgcgcag ccgatgttc ttcgctttcg caaatttaca gtgttcgcct 240
 attcaacatt tgccatgaca tggacacctt cgcccatgcc cttaaagcat gcatctgccc 300
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 cagccgatgt ggatgggtgta tgttctgccc agacagcga gaccgactgt acaaccgtcg 420
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<210> 6489
 <211> 562
 <212> DNA
 <213> Aspergillus nidulans

<400> 6489

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 gagggggccg acaggcatga ccccgagggg ctcaaacaag caaacgactg aacgagaaaag 180
 gctcactaaa tgctccgaac atgcccacgg taccggaacg caccgacatc caactacagc 240
 cgacacaacc aagcacgaag agggcggtac ccagaccggc gacagagaat actgcacaca 300
 aagcgaagga cagacccgga agacaggaaa gcgagcaaaa gcaagagccc gaaagcagga 360
 tgactgaggg aaagctacac aaaaagatgc ggaccgggct gaccaagacg ccccgaaaaa 420
 caagcgcgcg aggcaacagc aaatcgccag ttcaccagaa agctcggaac agcggcaaac 480
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 caaacagagg aggggaagaaa aa 562

<210> 6490
 <211> 336
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6490

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 gacgagagaa cggggaacga tgccgcacta cccgtctatt aaaaaactac ccgctctaca 180
 tgggagacta cccgctgaca ggaggcgaac agggcagaga cagattaaat gctttgttcc 240
 atactcacat aacatctata cacttgtttc tggcaaacac gatcgcgagg atccagcctg 300
 atgatgaacg cactactgaa ctangttcca cgcaag 336

<210> 6491
 <211> 411
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6491

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 caggcccga catgggatgc tgggtctcca tcaggaggga tacatgctgc ccctggagtg 180

catgtggctg tccgcgaccg atacgacgcc tgccggacgc ggccctgggct agccgagcgc 240
 ctgtgattgc cgagcctggg accgtataca ctggtgatac accactcata tgctgatggc 300
 gggagtatac tatacctgtt cgttgcgcgg aagatatgac ccgaacgcct gtgccacgtt 360
 ggcatgtcta gagacatatg cggagacatc tgggtacccta ggaccgggac t 411

<210> 6492
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<400> 6492

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 gttcatcagt ccatttatta cttgttgacc gtggatagag agaccctgct tgtgctctgt 120
 tcgatgctca cgctaagaac gtagcgctc ccacaggatg gaatcacccg gccttacagg 180
 ctattgcttt ctggcccagt cacatgtata cgctgacggg cctgcattat gcaggaaact 240
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 aaataagacc gtctccatat tacaaaagat gttctgccac ctagcctcga gagcggacag 420
 gcttgccat tcgcgagact gaccttctta ctatgttgcc ctgcattgcc acctcgtttg 480
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 tgctatacat gaggctttgc gtagtcac 568

<210> 6493
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 6493

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 aagccctact tgcgcgctcc agagacatat gttccttaat accatcgctg cagttcttcg 180
 ctacagcaac gcgttgccctt gcgcagctct cgaagctggg atggagataa aaaagactgc 240
 tttcgcattg gcacgtgacc ggccattatc tgaatacacc ccttatagag aacagactgg 300

cgaatgcctg cctcatggat gcagagcgct atgcgccttc ctatggaaga cacatggctt 360
gatctgctgt cggcgatggg atggagatac tgccggctcgg ggatctaaca ctgccttttg 420
acagctgcgc ctacttggcc atgatcacct ggagactgta aggagacccc gaacccggga 480
ttatggtaca agcgc 495

<210> 6494
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 6494

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cccagatgc cccgaataac tctacttttg tggaccaatt cggccgtttt cagcacgcat 180
gagcgcttgg ctggagcgct tgactatgag gcatctcctg gtccaagctc tcgcggatag 240
cggcttgaac actgcttgca cggagaagcc ggagcgccaa gagaaagctc gagatggact 300
acaacacatc tgccgcgaag aagctgaaac attgcttgaa tgagctagag gactaccgcc 360
gtatcacggc ttacatgac gctcgtctc aagcgcacac ggtgctataa cctgcggcaa 420
gaagcatatg aacactgccc tacggaccgg agacaggaca gccattgcat agtactgcat 480
gcctgtcgac acgaatagca agctacgatg cccaaaacca tactatattc cgtgggatag 540
acc 543

<210> 6495
<211> 508
<212> DNA
<213> Aspergillus nidulans

<400> 6495

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caggagaaa agctcagact caactgacgc tactactgac atgccagact gagaatccgt 180
atgattgctt ccctcgctgg acgcaccttg cccagcagat agcgtatgtg tgaaagctct 240
aatgtgtgtc tactcaagta aggtgtgatc catatggtcg cgctctgcga tcactacctt 300

atcgccagcg gccttatgct cgagcgacct tcgccaacac gcactctgag gatctgctgc 360
gctccccatc cattcgtcca ccattgtccgt atcgcttatg cacatccatt catagtctct 420
gggtgctacac ggccatgggtg ctggtgaacc atgctacagc tgtccgatac catcttggat 480
gaactggctt cagagttcca acaaccgg 508

<210> 6496
<211> 135
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6496

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gctacatggg catagaacgg aactttttgt tgttcctcag agaaccatac gtcctaccac 120
gcaacgcggg ggatg 135

<210> 6497
<211> 572
<212> DNA
<213> Aspergillus nidulans

<400> 6497

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acctaacaaa tcggggagct tttatagaac gcaccgtgat tgaaaaacgg aaactcgaga 120
atgccgtacc aattatggga gtgcgcatag gactctgggt aaaatacaag gcaccacaa 180
aaggatcaag agaggcccca caagcgacac ttgacgtatg aagaacacaa actaaaccgc 240
tctgtagaat cacatgcagg gcgggacgag acactatgaa caaacaatta tggccccgaa 300
cccgtgatga tagtacaaca cagcacgtgc cttacctta ggtactatca ggcacaacgt 360
acacacattg tggctgacgg tattaataaac actggccagg agaactagat aatcccatgt 420
tgagaactcc acaggcaggg caactgcca agctatgctc tggccacata tctgaggtct 480
acagattata taccgcgccc cccgactcat gttcaaccgg tacaatttgc gagctcctgg 540
cactaagagc gggcacaact caacttaact tt 572

<210> 6498

<211> 515
 <212> DNA
 <213> Aspergillus nidulans

<400> 6498

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ccattgccgc tatcatggtt ctgggagaaa ctgacgacgat acaacaggag tcgggcatca 420
tggcgcatcc acctcttgat cagttctcaa agcatgacga acacaccgtt gacactacca 480
ttacgttaat tgacgacgat gtgggcacaa attcg 515

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<210> 6499
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 6499

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gctaacaacc taaccatgct ggtacgcagg actgtcctag cggacaggga ccatctgacc 180
gaaagatgag aaacgcgaac atggacttct acgtcacaga acatctacac cgtagccgtc 240
caactggtcc atttgatggt aagcacatgc attcaaccgg attggacaac ggggagacaa 300
cagaccataa cccacacgca caccaagagc atcagaacac ttccacacca acatgggtca 360
cttcacaag acacgacaca catgtgccgc atgagtgacc ggacgcaacg cgcttatcga 420
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gtgacgatct gag 493

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<210> 6500
 <211> 566
 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6500

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tcaaacaggc cccccacacc cgcctaacc atgcaaaaga cgccaagtac cccaagaata 180
ccgactgaat aggggggagaa tcgaaaagaa agcacggaaa aacacgcaaa acacacatac 240
aaccctctac aacaagaaga acacccttgg acacaacaaa agacaccagt cactaattga 300
agcatgagaa atacagcaac ctccaccacg accaaccaac gaaccaaacc aacataataa 360
cataacaaca cccaaagcca acatgccagg gacgaacaac caccccaacc acaaaccgac 420
caacaaagcg ggcaaaccce ctcaacgggc ctaacaact gaaatacgcg cacaaaaaac 480
aaaacaaaaa acgcaacccc cttaacaaac caaaactacc aacccccaaa aaacaacgaa 540
caagccaaac ccaacaagca ccacaa 566

<210> 6501

<211> 571

<212> DNA

<213> Aspergillus nidulans

<400> 6501

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ctaccgggta ttttttaggg gacggtacag atccactctg aagttcaaca aggactcatg 120
gggctatggc gaaaggaacc acggtcatct gatgcaatgt caatggcagg caaccactca 180
gcgtacacga ccgatcgggtg ccgtcattgg cgcaagttgc gcaggaccta ttactagctc 240
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catctatata atgcacacca atgtgatgac acatgcgcac ctaacaacgg actgcatacc 360
aggaaacata ttgcttgtca gaagaaccat tctactgatg ggagactgtg cacatgatag 420
agacagggtc agttacacaa ctgttaatta tgctcgggac acatgcagac tatcaacgtg 480
gggagcatca ctctaatac cactaaagcc cacgcttcgc attacagcgt ttaaattggg 540
ggcacacggc tgaggagcgc tggttacaag t 571

<210> 6502
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 6502

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tccagactaa ccatctcttg ccgtgctgcc agtaacgagg actactgaac cacatgcgac 180
cacatgctac gatgacaggg attgaccacg ctggatcacg accatgacca ccaacgggat 240
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gaccgtagtt atcttgcgag cgacagcaca ctgaacgagg tgaacacgat gcacagtccc 420
atcgaggcgt tgagtaacgt gctatatcca cactccgacc ttagactgag atcttgatta 480
gaccgtgaac aagcacacaa agagtcacat acctgatcat gctgtacaga ctacagacgc 540
caccgttcct gacgatatcg catggcttag acgg 574
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<210> 6503
 <211> 615
 <212> DNA
 <213> Aspergillus nidulans

<400> 6503

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gaacatggct gggcccgagc tcgtacatcg cgtgactacc ctaaataagc tgctacacat 180
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caccaagcgt tgtggcacct ggccagccat gaaaagactc tagagcatca ttactgaagc 540
cagggggggc ctgtcaccgg aatcacaagc ccctagggcc cctgcctgtg gtcctaaaaa 600
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615

<210> 6504
<211> 655
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6504

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acaaaacaga gcgggggggag gaaaagagac aaagaaggac ggcccagcac acaaagcaag 180
aaacccaac aaagaccaac aacaagaaca aagcgcaagc ccaaagacaa cagagaagcc 240
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gaaacgaagg gaagaagggg gaaacacgaa cgaaacgaac acgaccaga gcacaaaagg 360
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gaaaaaaaag cacaaaagcg aacggggaag gcgaaagccg gaaggaagag gaagaagccg 540
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<210> 6505
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 6505

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gtattccttc tttgtgcagg gctgacggac tgaggaccag tactacatat gtatctgggc 180
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gtattcttag gggctcggaa tatacttca acaacgtac atgtgctgtt ccgtgtggag 360

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<210> 6506
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 6506
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aggccaacag ctctcacagc agacaactga ctacgatgac aaagggacca cgagggatac 180
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ctgggtactg cctggctact gcagacgacc gtgcct 396

<210> 6507
<211> 653
<212> DNA
<213> Aspergillus nidulans

<400> 6507
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ctcctgggga tcaaccgaca tcgacgtctc aatgaaggcc ttgtcgagga aaggaaactcg 180
cgctccaag ccccgaggctg atgttgactt gttggctctg aggcagtctg ccaagtgcag 240

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 tgtcgggagc accagggaga cccatggaaa aagattgcag cttgctgaag gaggttacca 600
 gaaaaagctc gttctcgccg cgaaaccacc agttaccggt ggccctcgttt tga 653

<210> 6508
 <211> 744
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6508

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 caaccagag cccaaggcg aacgcacgga gaaccggaac cggaacaaga cgcaaccgcg 180
 cccgccggac aaaccgaagc gcgggccagc cgccgaccgc cgacgggcgg aaaacaccag 240
 ccagagaacg gaacacccgg aggacngnga gacacaacag ccgaagaccc gacaaaaaag 300
 aacggaacga cacacaggag gaacaacaag aggaagcagc aaggaacgan nnaccccagc 360
 aacccaacc gaaaaggcac cgccccggac caggcaacgg aaccaccaac agccccggga 420
 ccgacccgaa cacgaacacc caaaacgag aacaaacccc aaggacgacg accaccaag 480
 aggcacgaaa acgcccgaag gcgcaagggc ccggaacaca caaacggac caagagaaag 540
 gcaaaaaccg acgagcacac caggagacac acaagagcca aacgaacccc ccgaacaacg 600
 cccccgccc agggcaccga ccacaaccaa aacaagccaa caccgcaaga acaccaggg 660
 gaacgaacgg gcacaagccc accaacgaca ccaaacacg aaaaaggcca caaacacag 720
 ccccaccag gcaagaaaaa gccc 744

<210> 6509
 <211> 671
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6509

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 ccggggcgcg cgtactgacg acgaccctgg gngggccata cacagaaaac ggcgagagaa 180
 agacacanat tgttaccgac cagaccaggc aggaccaacg aggggaccca agacccaac 240
 caaccgcagc gaaaacgcaa cgcgccgaaa cagcaciaag ccgccggcaa cgagcaggca 300
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 cgaccaggca aacgcccacc aagacgccga aaaccaaagg gacacaaacg acccgacaaa 540
 gaacggggca accccgaccg cgggaacca accgaacccc aacaccaaca ggaggagccc 600
 caggccgagg ccacgcaagg gaaaacggnc aaacacagaa cccaagccg acaacacccg 660
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<210> 6510
 <211> 978
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6510

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 ccagagggct tgggccagtc gcagcaagcg ttgacagtgc cgccactaca gccctagat 180
 gaacccagc cgaccaaggg cagcctagaa tcattcgcaa ttgccaccta tcggtggctg 240
 caggagacgt ttctacggg gacggcggtg gtctcacata tgcctttctc acttggtccg 300
 tttgcgtttg ctatgttcat cctcgtacaa gctctggcca ctaagggttg gattgaggtg 360
 tttgcgcacg ggtgggacca ctgggtaaac cgaacaggta cagtcggggc aattggaggg 420
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 ctggatttgc caggggaacc acctatcatg gaatttcatg ggggtgctgc catacagggg 780
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 acgacacaca gcattatttg gggccaaacc aacctattgg cgggccctaa tcggcgggccc 900
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 cctggagttc ctttttag 978

<210> 6511
 <211> 916
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6511

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 aaaattcaga caaaaaagct aactcgatcc cagttgcaag acggcaaccg cgttcattgg 180
 ttatgaaacg gtctatcacg cttagtgtt cagcttcaag catcagtctc acctaggcta 240
 caaacttcac actcaccttt cggatgttag gcataatagg attctcagta aaacccatga 300
 aagagctgac gctgtgccta ataccatggt ttaatctgcg ttggacaata tgtccctatc 360
 gctcatggcc ggttgttcac agctaaggcc ggaatatata tacagttggc cagcggatgc 420
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 tactcattgc aactgcttt atccattatt gtttagttac agtaggcttg ctgcgcactt 540
 aacggtaacg gtgacactcc ggcaactctt caccgcggag gggctgatga catatcgaga 600
 tccgaagctc tcgagctgtc aacatcattc ttctcccaac ttttttctcc gacataaact 660
 ctaactccgt cacaatggga tcccctattc acatctctc taaggagcaa ttcaacaatc 720
 tcctgacctc ctctacctc gttgtcgcag actgtaagag cctccctctt tgttgatccc 780
 tcgcctctgc tcttcgcccc tcttctggcg aggcccgcca tctctgccag ctcaagtgag 840
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916

<210> 6512
<211> 625
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6512

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aagaggacag caccggagac cacaggacc caccaccaacc acccagacca aaccgacgca 180
caccgggcac gcccgcggcg cccgagacca cccgcagcac caagaccag gaaacaccca 240
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cagangcccc acccccgccc cgaaaaagcg ggcacaccaa cggccaacca caagcgaagc 360
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cggcccaggc cgggaagaac gaaccaacga cacacaggaa cgaagcagac aacaaagcaa 480
cagccagaca aaccgaaaag cccgaagaac cggcaaaaaa acccccccg ccccccaacc 540
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accccaaacc ccaccagacc ccccc 625

<210> 6513
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 6513

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tataactgga aagtggcgag cttcaacaag ggaggtatat gtgctacgac cgcgtaagct 180
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agggaaggcg cgggagggca acgatacctag gtgatctgag ttctagttga ctggcacatt 480
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 cttagatcag atcatcgcac atacagctt 569

<210> 6514
 <211> 448
 <212> DNA
 <213> Aspergillus nidulans

<400> 6514

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 tgacaacggt gaccagggag tccctcatta cctagattcc tggaggatga gaactgttat 180
 cgcatacat atcatactga agacgtgttg agtgataagt tttagactg atgagtagct 240
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 gaagctacgg atggcatctg aactagccc tcgatgcaat gctgaatggc tagctcgcat 360
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 ggggttcggg gccgcgatct agaataata 448

<210> 6515
 <211> 780
 <212> DNA
 <213> Aspergillus nidulans

<400> 6515

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 gcatacgagg ttacaatgta cacgttgtcc gaacttggcc cagtaccgca acaccaaactg 180
 gctttgcccc cgtcaccgcg aatcgtgatt gaaattatta tggggcatgg gcgggatatt 240
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gtatgtggca gcaattaaag acctactccg tattcattat tccggccgcg acatgggtct 780

<210> 6516
<211> 531
<212> DNA
<213> Aspergillus nidulans

<400> 6516
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atccagtcac actctccgtt cttcccctgc attcctgact caatagtaac atacttccga 180
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gcctccacgt caaactctgg aagtgtcgca aagagctcct gaatggcctg tggcccaaga 360
tcaacagtaa tgggtagatc agccaggacc ttgatagggg taatcatctt gccgtactta 420
ctagtggggt caacgtcccg cttgacgtga atttgatatg gtgcccgatt ccgccccgat 480
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<210> 6517
<211> 590
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6517

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caaaagaggc gacggacagc gcgagcacga aagccacgaa aggagcagaa gggggaaaag 180
ccacacggcg cggcacaggc cgacaaaaca gccacgagca aggagcggaa ggagccgaca 240

cggagaaaaa cggagccagc gcagaaacag gcggaacgaac agaaagagaa agaacggcgc 300
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 gcgccaaacc cagaacaccg aggggaggaa aaagacaagg aagcacagac caccctaaag 480
 aagcgaggcg gaagaacaaa acggcccaaa aacgacaaca ccgaacgaaa aacgaacaca 540
 cagaaacgac gggacaacac caggaaggaa gagcaaaacc aggggaccga 590

<210> 6518
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6518
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 aaaacaggca agggcccacc gcaaccggaa cggaccgaag ggggaccggg agcaccacgg 120
 gaaaacgggg agaaaacaag gggacaacag cacggagtag acggaacaca ggacggcgaa 180
 gcacgagaca caccaccca gaacagcatt gagaaccaa atggccacct ggacacgcac 240
 gaggcagaac gcaagagaag gagacacaag cagcaagcaa gatccgcca aggaggacgg 300
 aaaagacgga acgctacaaa gaccccgaag gcagaaccac acagggacca agctacacga 360
 aaaacgaaag ctccaggcca gctgaaccga aaaccacacg atgaaacaaa accaaggaag 420
 acccgggata caacacacca aaggcggaga accacacgca tcactacaca aaagcaaaaa 480
 actgaagaac caaaaacccc aggaagaaga gccgccagaa acggcacaca agggcccaaa 540
 c 541

<210> 6519
 <211> 509
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6519
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 aacggagaag acgcagcgaa acgcagacca taccgcaaac aacaacggcg ccaagggcca 180

aaacgacaga agagagagac caggtagaac ccacgaccag aacaacggca cataacagaa 240
 ccgacggaca aacacgacac gagcaacaca acagggaaag aaaaatagaa cagaggaacc 300
 cccagaacag aagccacaaa aaaagcgaaa caagagagca acggactata gcgcggctga 360
 cgaggacccg acccaagaca caacggaaca gaagagggga acagggagcc caaagaagga 420
 agcagcacgc cagaaccggg aaacggcaaa acggcagacc acaaaaaacc cacaccaaaa 480
 cggccgaggc agggcaaagg ggaaacaac 509

<210> 6520
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

<400> 6520
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 aggcacgacg tgcggagtct ctaaaaatca tgcacgagac gaacagcaaa cgggagaaaa 180
 ttgatgagct attagatttc attaacgaac ggctggcaga gcttgaagag gagaaggacg 240
 aattgcggaa tttccaagag aaggataaag agcgaagggtg cttggaatac acaatctact 300
 ctgcgcgagca gcaagaaatt gctagctttt tagacagcct cgaagaacag agacaaactg 360
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 aggtcgatgc agagatcgcc gagtgc aaac agcagattga atttctcaag gttgataaag 480
 cacagctgga agacgaacga cgcgaggcgt ctaaggcact tgctcaagta gaactacaag 540
 ctaagtcgct gtcggataat caggctgctg cccaagagtc aaaagcacgc catgacgaaa 600
 gcttgaagc 609

<210> 6521
 <211> 716
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6521

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 ttcaaagagg ttgatgtttt ggtcaacaat gcgtgcgttg cccactcccc ttcttgccca 120

aaaattacag ataaaaccgg gaccacagcaa ggctagatgc tgattgtcgc gcagaggctt 180
 ggtcaagggt gtcgcccgcg cccctgaaat tgctgaagag gacatagcca ccatgtttctc 240
 cacgaacgtc cacggcctca taaatatgac ccaagcaatc ctcctttcca tgctatcgcg 300
 caacaacggg cagggagcag gagatatcat caacatcggc tccatcgctg gccgcgagcc 360
 ctacgtgggt gggagtattt actgcgcgac gaaagccgcc gtgcgcagct ttacggaggc 420
 tctgcgcaag gagctcattg catccagggt gaggattatt gcagtagacc ccgggcaggt 480
 cgagacagag ttttcggttg tgaggtttta tggggataag agtaaggcgg atgcggtcta 540
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 taacaactag atgggatgta gaggatgcga gcccgtagcg ccggatgata ttgcagaggt 660
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<210> 6522
 <211> 564
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6522
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 tactttctgc tgcagttcgc tgatccatgt atcagcttct ggagcagggg cgaaatctgg 180
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 gtgtgctggt gtaaacttcg ctggtgagga ctctgggtt ggcttctgtg aacaattggg 300
 ggaggagggt gcctccatag gttcggccgt tgccttgaca gatgatgcac gcggactgcg 360
 gtgccgccgc tcggattcaa acgactctag agctcgaata gtcggttttc gcgtacgccc 420
 agacgtacgc gcggcggttg aggtggtcgt ggacaggctg gtgggagaag tgggggcatc 480
 catgtgacca tcaagaccat agttgttccg gaacatgtct gtatcgtatt cgaaatggta 540
 atctccattt tcaacatcgg cggg 564

<210> 6523
 <211> 1132
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6523

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tgcatagagg gcgggatacc aggcatacc gaagttcatg gccccagac acagcggcga 180
cactttgacg ccagccgagg gggagaggac tcggtggtag ccaaggaggg ttggcggttt 240
cggagctgga gggaacatgg acattttgag gagaaaatgt tatatagtag atttcaggct 300
aagcacaatt gacaataatc aatccttatt actctacggg gggcattgct cgtttttata 360
atgacgacgg ggtgggcccg ggacggacga tggctaccga ggtatggtac accacagagc 420
aacgctaaga gtatagttag atgatgagaa ctcgaaacca ccgcaagttg atgaccgatc 480
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<210> 6524

<211> 505

<212> DNA

<213> *Aspergillus nidulans*

<400> 6524

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gcagcccgcga tccaacttat ctccgacctt tgcgacttga cggttcccgt ttcagctatc 240
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<210> 6525
 <211> 774
 <212> DNA
 <213> Aspergillus nidulans

<400> 6525
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 gcagtcatca tgcactctca agtctagact tcggcgacag acctagcatg aagggacggc 720
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<210> 6526
 <211> 724
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 6526

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cagangcaaa ccanaccccn agacaaangc caaccacgaa ttgatacgca cgaancncaa 180
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gaccaaaccg gcgggggaaa aaggacggcc aaaaggcgca acaacaagcc caaggggaaa 600
caaaacccgg accaggcgaa accgcgacc aaacaaagaa aagaggccga agccccaaa 660
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<210> 6527

<211> 491

<212> DNA

<213> *Aspergillus nidulans*

<400> 6527

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cccttcgctg tcttagcgcc aaagcactta tctgaggaac agttccaatt aaccggccct 420
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gaaactggtc g 491

<210> 6528
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6528

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aaccagggca aacaaagcaa aaacccaaaa cccacccac ccccgagcg ggcacaaaaa 480
accaaccctt gacaaaccaa cctacaccgc cccgaacgca aggaaaaaac acggcaaggc 540
cgagcagacc ggaccaccaa ccagagacca ccaaagagc accaaacc 588
  
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<210> 6529
 <211> 915
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6529

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